System Check_Body_835MHz_110824

DUT: Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: MSL_850_110824 Medium parameters used: f = 835 MHz; σ = 0.963 mho/m; $ε_r$ = 54.5; ρ = 1000 kg/m^3
Ambient Temperature 22.5   ; Liquid Temperature 21.5

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.35, 6.35, 6.35); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
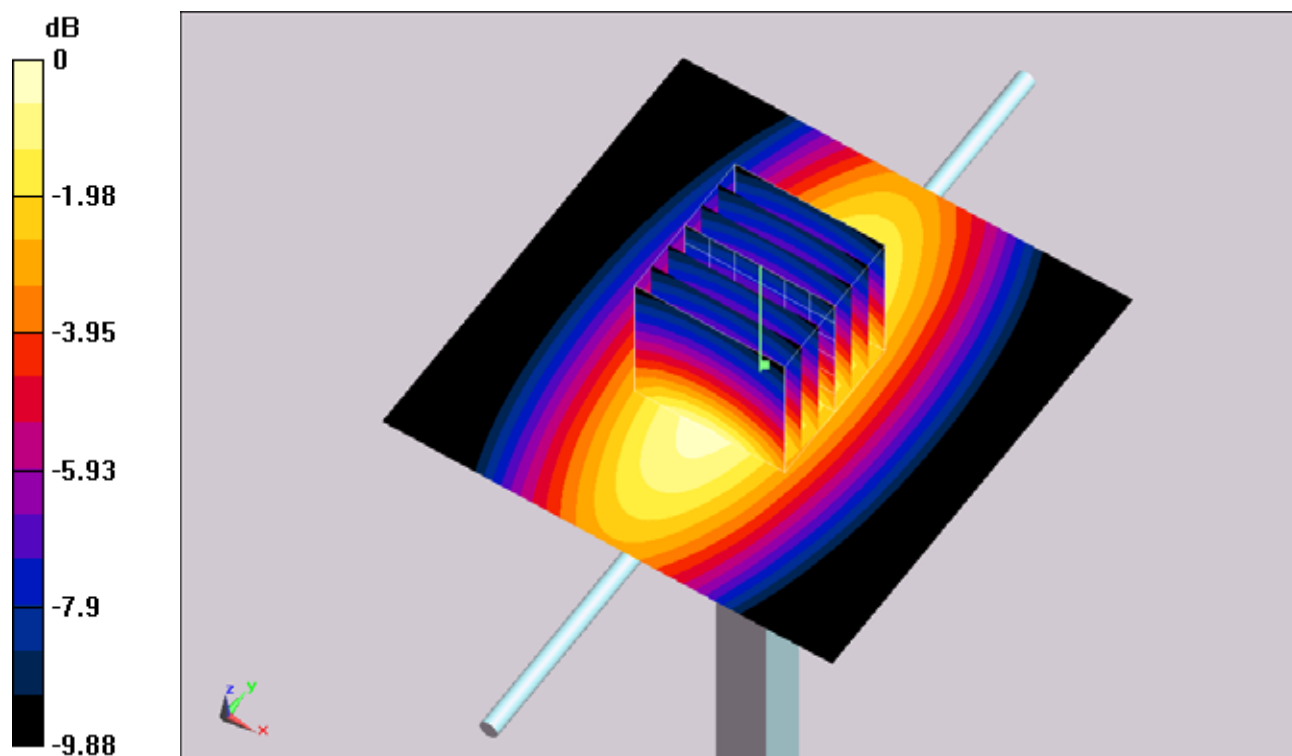Maximum value of SAR (interpolated) = 2.57 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 54 V/m; Power Drift = -0.024 dB
Peak SAR (extrapolated) = 3.28 W/kg
SAR(1 g) = 2.38 mW/g; SAR(10 g) = 1.59 mW/g
Maximum value of SAR (measured) = 2.57 mW/g

0 dB = 2.57mW/g

System Check_Body_835MHz_110826

DUT: Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1

Medium: MSL_850_110826 Medium parameters used: f = 835 MHz; σ = 0.956 mho/m; ε_r = 57.5; ρ =

1000 kg/m^3

Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.35, 6.35, 6.35); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm

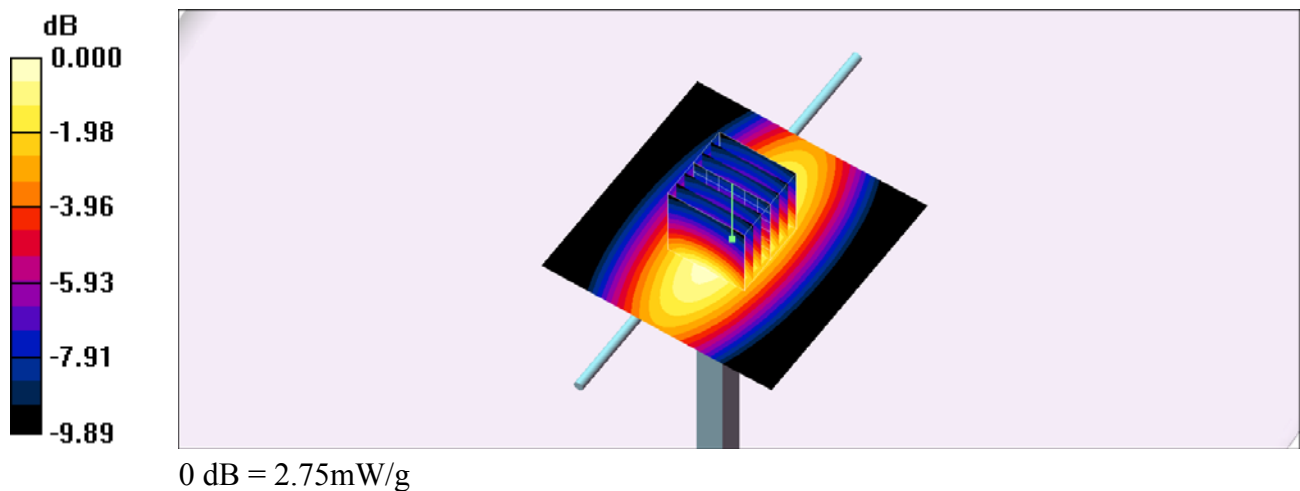Maximum value of SAR (interpolated) = 2.75 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 56.0 V/m; Power Drift = -0.003 dB

Peak SAR (extrapolated) = 3.50 W/kg

SAR(1 g) = 2.53 mW/g; SAR(10 g) = 1.69 mW/g

Maximum value of SAR (measured) = 2.75 mW/g

0 dB = 2.75mW/g

System Check_Body_835MHz_110831

DUT: Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: MSL_850_11831 Medium parameters used: f = 835 MHz; σ = 0.994 mho/m; $ε_r$ = 56; ρ =

1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.35, 6.35, 6.35); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
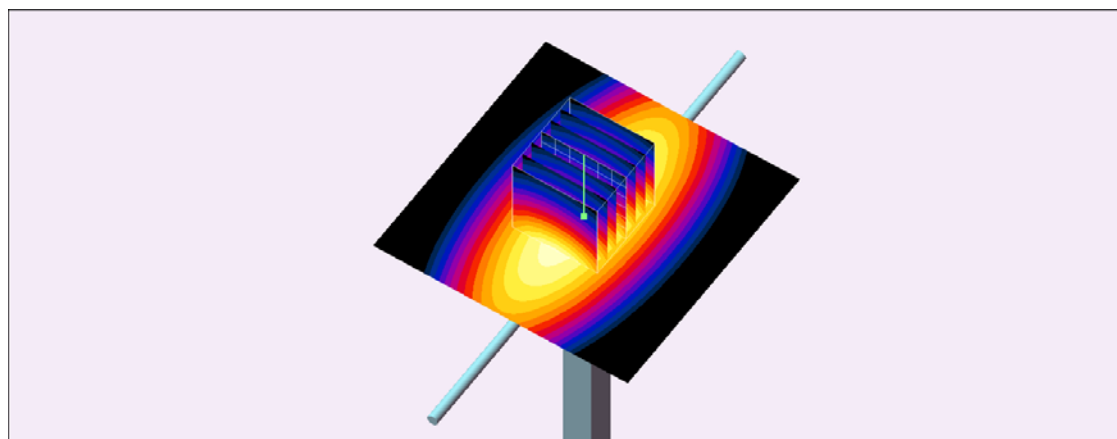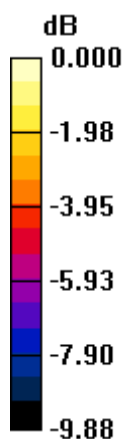Maximum value of SAR (interpolated) = 2.76 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 55.2 V/m; Power Drift = -0.031 dB
Peak SAR (extrapolated) = 3.52 W/kg
SAR(1 g) = 2.55 mW/g; SAR(10 g) = 1.71 mW/g
Maximum value of SAR (measured) = 2.77 mW/g

0 dB = 2.77mW/g

System Check_Body_835MHz_110905

DUT: Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: MSL_850_110905 Medium parameters used: f = 835 MHz; σ = 0.898 mho/m; ε_r = 41.2; ρ = 1000

kg/m^3
Ambient Temperature 22.5   ; Liquid Temperature 21.5

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(8.93, 8.93, 8.93); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
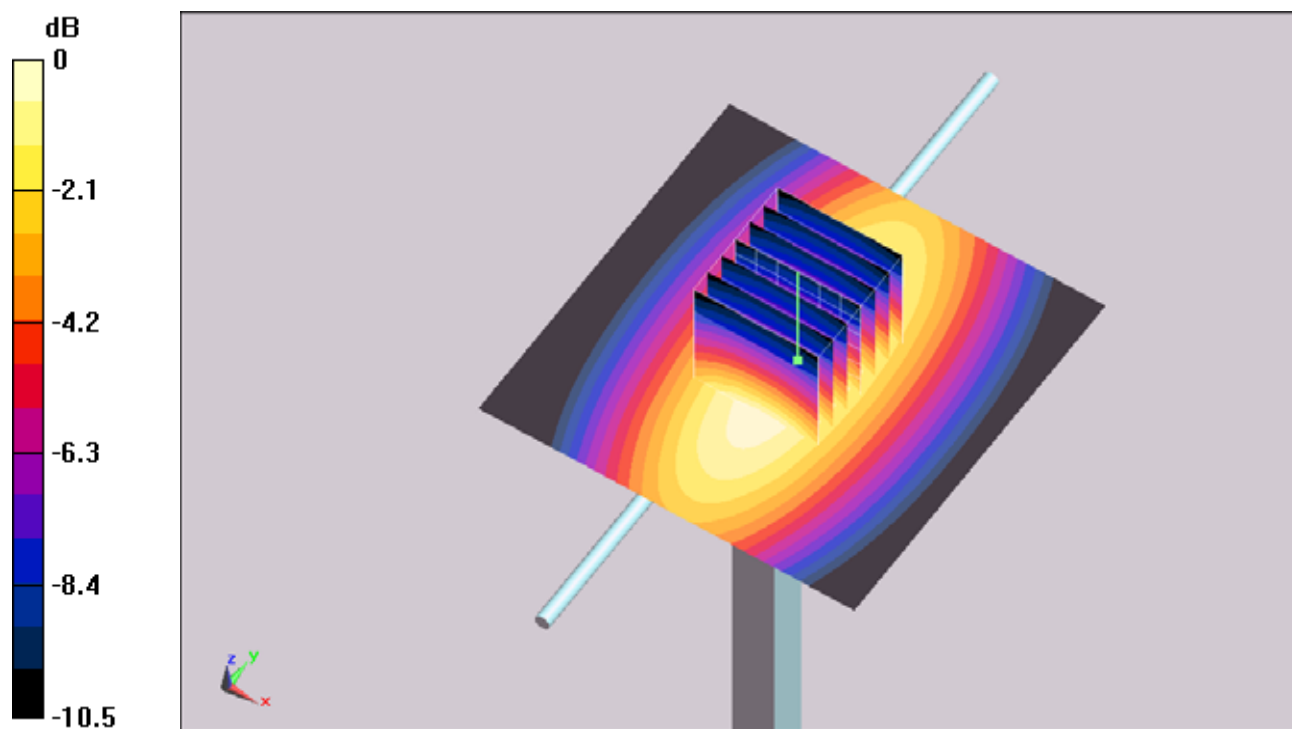Maximum value of SAR (interpolated) = 2.57 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 53.5 V/m; Power Drift = -0.027 dB
Peak SAR (extrapolated) = 3.63 W/kg
SAR(1 g) = 2.4 mW/g; SAR(10 g) = 1.57 mW/g
Maximum value of SAR (measured) = 2.58 mW/g

0 dB = 2.58mW/g

System Check_Body_1900MHz_110824

DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110824 Medium parameters used: f = 1900 MHz; σ = 1.51 mho/m; ε_r = 55; ρ = 1000

kg/m^3
Ambient Temperature 22.6   ; Liquid Temperature 21.6

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
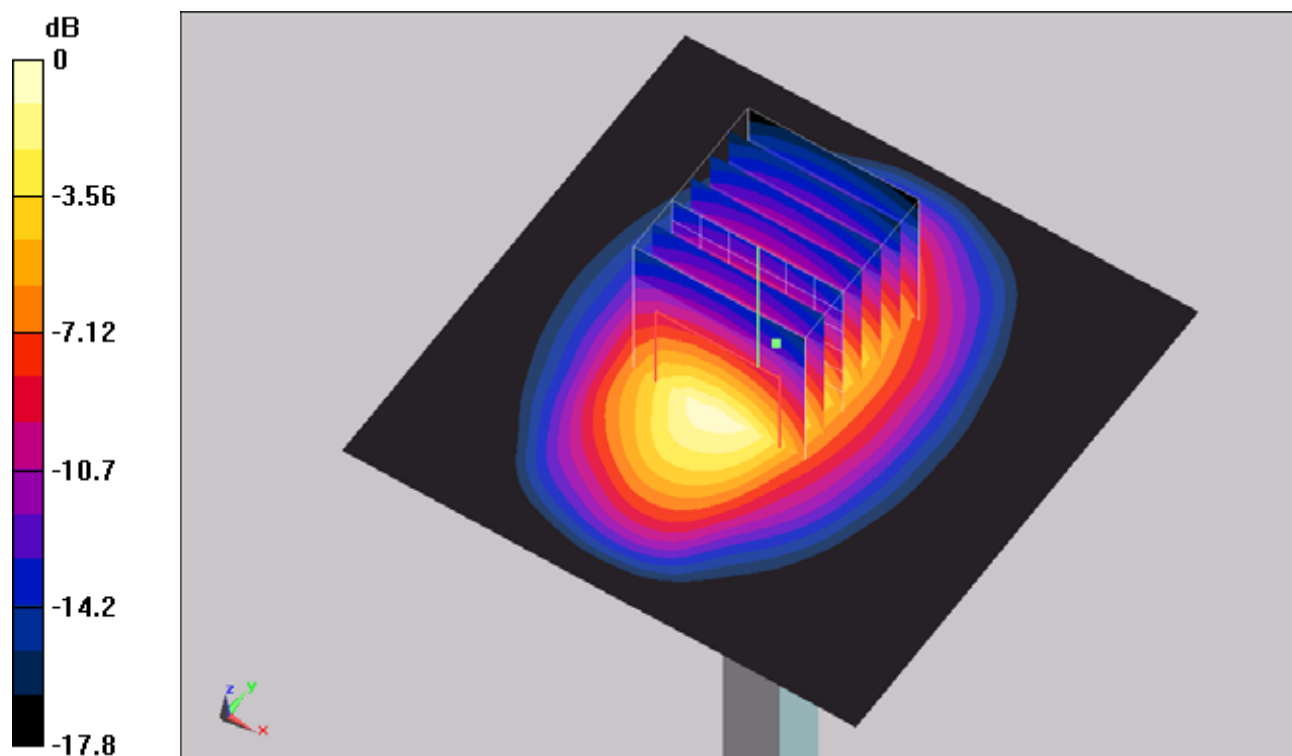Maximum value of SAR (interpolated) = 11.6 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 86.8 V/m; Power Drift = 0.078 dB
Peak SAR (extrapolated) = 16.6 W/kg
SAR(1 g) = 9.68 mW/g; SAR(10 g) = 5.14 mW/g
Maximum value of SAR (measured) = 11 mW/g

0 dB = 11mW/g

System Check_Body_1900MHz_110825

DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110825 Medium parameters used: f = 1900 MHz; σ = 1.5 mho/m; ε_r = 53.7; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃；Liquid Temperature：21.6 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
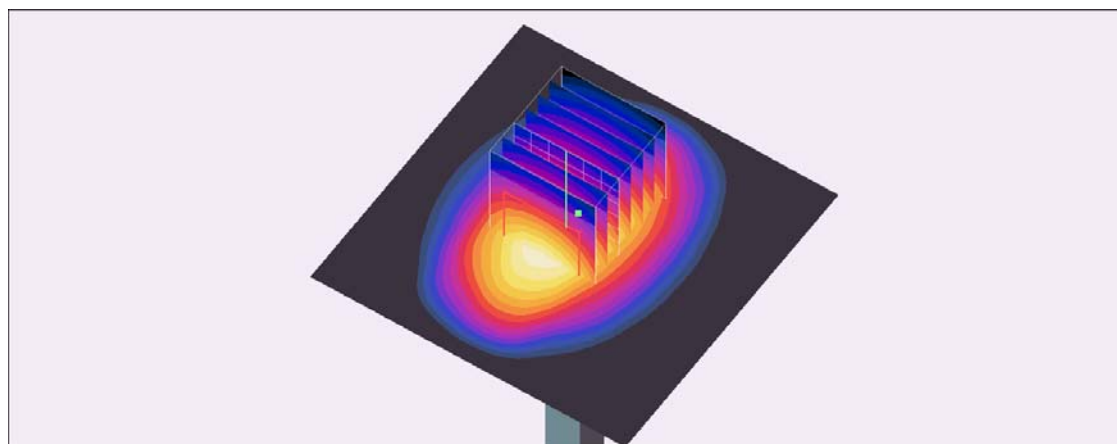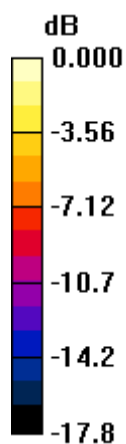Maximum value of SAR (interpolated) = 11.9 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 89.1 V/m; Power Drift = 0.008 dB
Peak SAR (extrapolated) = 16.9 W/kg
SAR(1 g) = 9.83 mW/g; SAR(10 g) = 5.22 mW/g
Maximum value of SAR (measured) = 11.2 mW/g

0 dB = 11.2mW/g

System Check_Body_1900MHz_110831

DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110831 Medium parameters used: f = 1900 MHz; σ = 1.53 mho/m; ε$_r$ = 52.5; ρ

= 1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
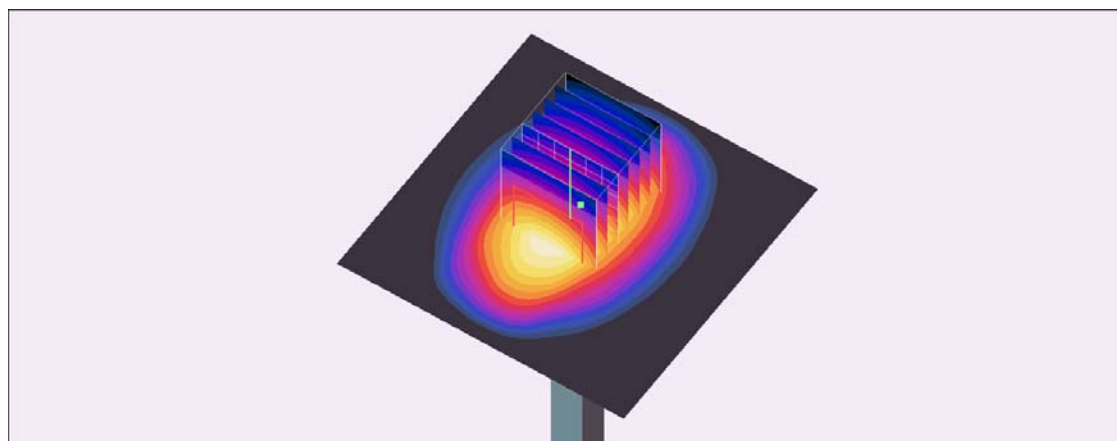Maximum value of SAR (interpolated) = 12.8 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 91.8 V/m; Power Drift = -0.080 dB
Peak SAR (extrapolated) = 17.9 W/kg
SAR(1 g) = 10.4 mW/g; SAR(10 g) = 5.5 mW/g
 Maximum value of SAR (measured) = 11.9 mW/g
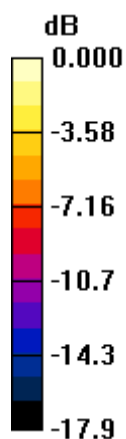
0 dB = 11.9mW/g

System Check_Body_1900MHz_110905

DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110905 Medium parameters used: f = 1900 MHz; σ = 1.56 mho/m; $ε_r$ = 52; ρ = 1000

kg/m^3
Ambient Temperature 22.3 ; Liquid Temperature 21.3

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 11.4 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 82.9 V/m; Power Drift = 0.076 dB
Peak SAR (extrapolated) = 18.9 W/kg
SAR(1 g) = 10.2 mW/g; SAR(10 g) = 5.68 mW/g
Maximum value of SAR (measured) = 11.3 mW/g
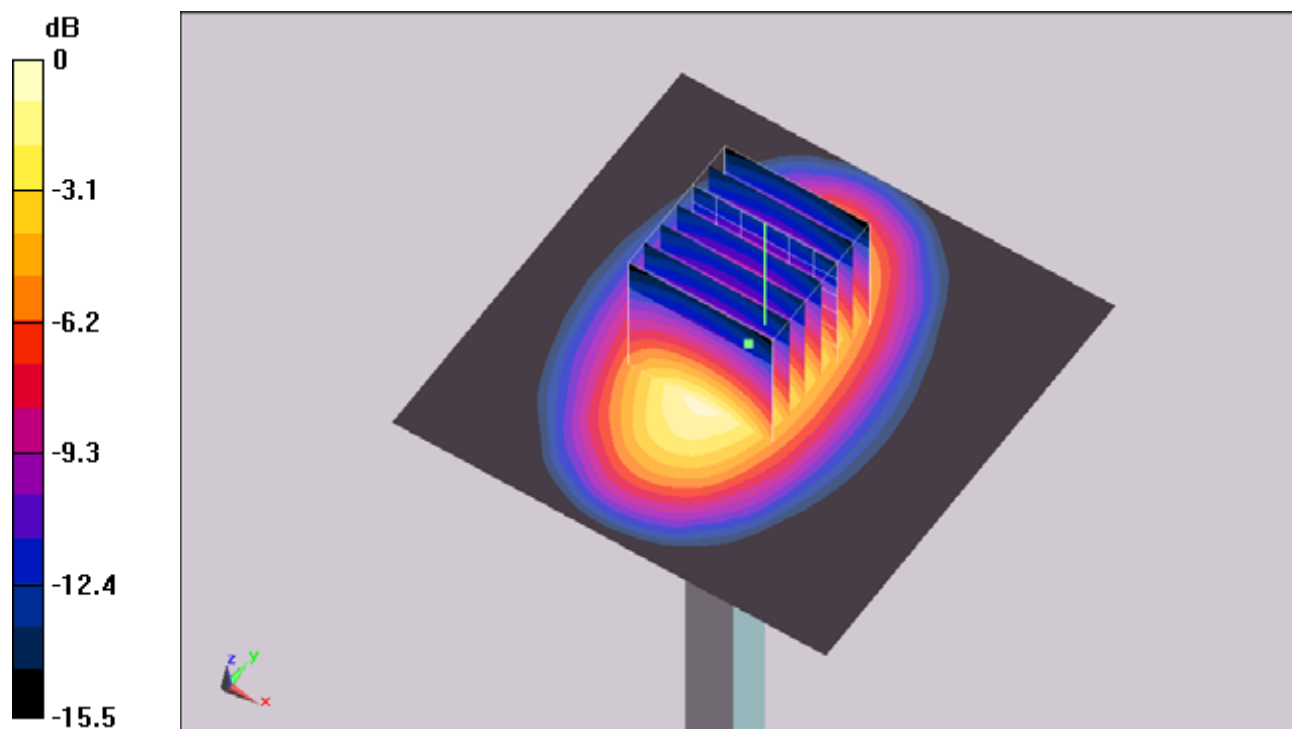
0 dB = 11.3mW/g

System Check_Body_2450MHz_110805

DUT: Dipole 2450 MHz

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: MSL_2450_110805 Medium parameters used: f = 2450 MHz; σ = 1.96 mho/m; ε_r = 51.5; ρ

= 1000 kg/m^3
Ambient Temperature：22.4 ℃；Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3754; ConvF(6.84, 6.84, 6.84); Calibrated: 2011/1/11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
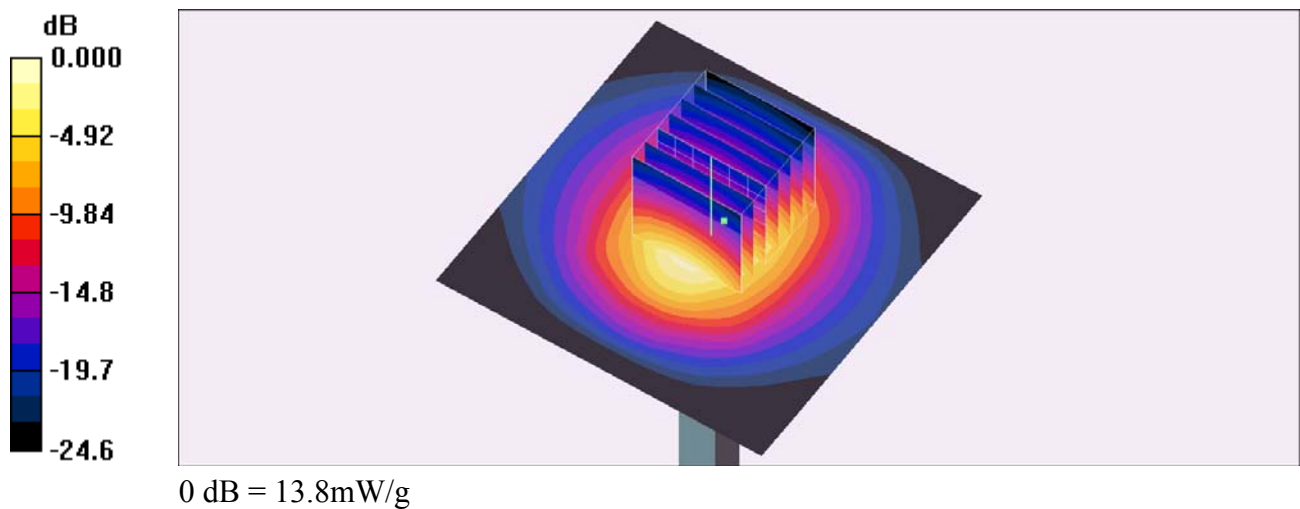Maximum value of SAR (interpolated) = 15.1 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 83.4 V/m; Power Drift = 0.006 dB
Peak SAR (extrapolated) = 28.0 W/kg
SAR(1 g) = 12.4 mW/g; SAR(10 g) = 5.55 mW/g
Maximum value of SAR (measured) = 13.8 mW/g

0 dB = 13.8mW/g

System Check_Body_5200MHz_110805

DUT: Dipole 5GHz

Communication System: CW; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium: MSL_5G_110805 Medium parameters used: f = 5200 MHz; σ = 5.325 mho/m; $ε_r$ = 47.518;

ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.22, 4.22, 4.22); Calibrated: 2011/6/20
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 33.374 mW/g

Pin=250mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm,
dz=3mm
Reference Value = 84.346 V/m; Power Drift = 0.0084 dB
Peak SAR (extrapolated) = 52.075 W/kg
SAR(1 g) = 18.2 mW/g; SAR(10 g) = 5.36 mW/g
Maximum value of SAR (measured) = 29.713 mW/g

0 dB = 29.710mW/g
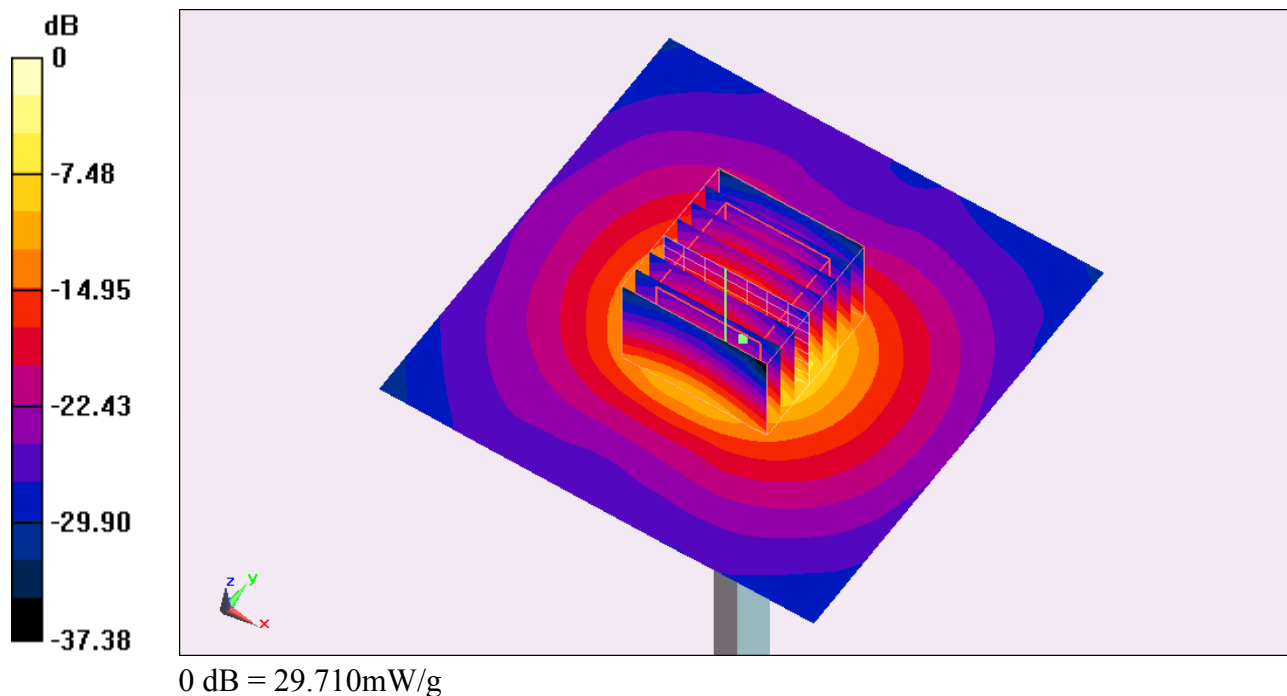
System Check_Body_5500MHz_110805

DUT: Dipole 5GHz

Communication System: CW; Frequency: 5500 MHz;Duty Cycle: 1:1
Medium: MSL_5G_110805 Medium parameters used: f = 5500 MHz; σ = 5.723 mho/m; ε$_r$ = 46.972;

ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃；Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.76, 3.76, 3.76); Calibrated: 2011/6/20
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 35.636 mW/g

Pin=250mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm,
dz=3mm
Reference Value = 84.243 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 57.978 W/kg
SAR(1 g) = 19 mW/g; SAR(10 g) = 5.5 mW/g
Maximum value of SAR (measured) = 32.115 mW/g

0 dB = 32.120mW/g
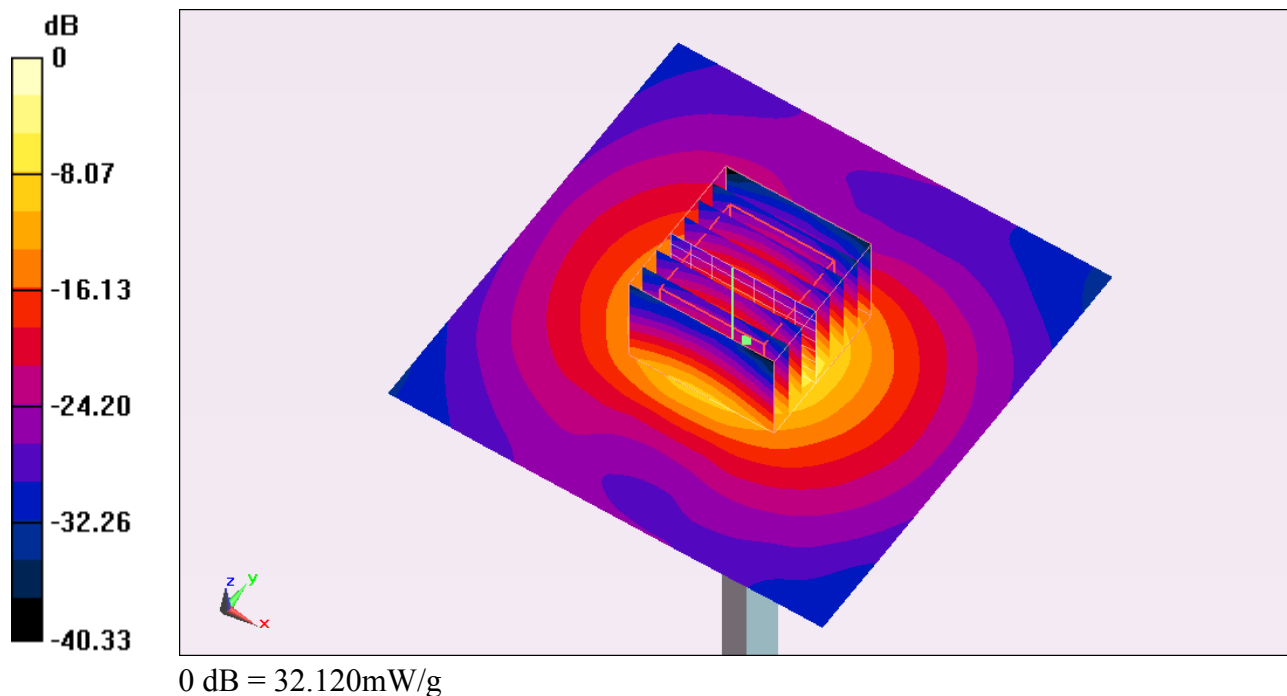
System Check_Body_5800MHz_110805

DUT: Dipole 5GHz

Communication System: CW; Frequency: 5800 MHz;Duty Cycle: 1:1
Medium: MSL_5G_110805 Medium parameters used: f = 5800 MHz; σ = 6.229 mho/m; ε$_r$ = 46.417;

ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.78, 3.78, 3.78); Calibrated: 2011/6/20
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
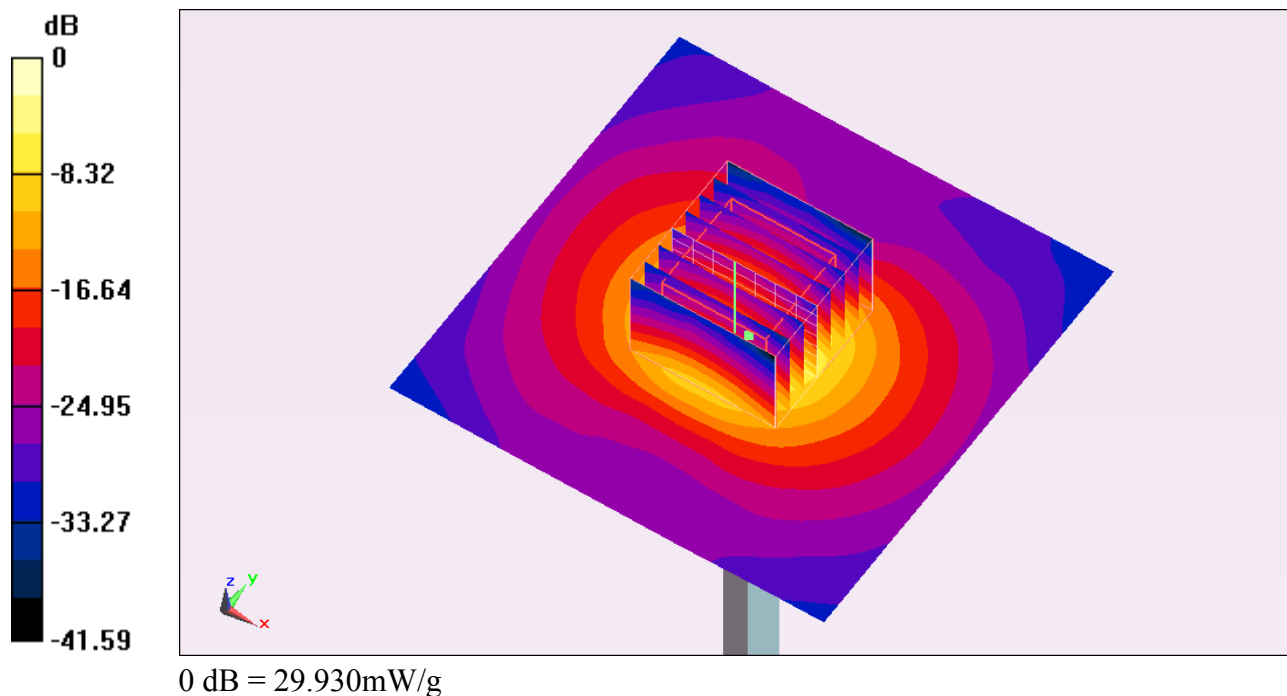Maximum value of SAR (interpolated) = 32.646 mW/g

Pin=250mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 78.879 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 51.552 W/kg
SAR(1 g) = 17.8 mW/g; SAR(10 g) = 5.16 mW/g
Maximum value of SAR (measured) = 29.927 mW/g

0 dB = 29.930mW/g

#01 GSM850_GPRS10_Bottom Face_0cm_Ch251_Ant1_Earphone

DUT: 171811

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:4
Medium: MSL_850_110824 Medium parameters used: f = 849 MHz; σ = 0.976 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Ambient Temperature 22.5 ; Liquid Temperature 21.5

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.35, 6.35, 6.35); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch251/Area Scan (151x111x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.564 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.64 V/m; Power Drift = -0.1: 7 dB
Peak SAR (extrapolated) = 0.978 W/kg
SAR(1 g) = 0.605 mW/g; SAR(10 g) = 0.367 mW/g
Maximum value of SAR (measured) = 0.662 mW/g
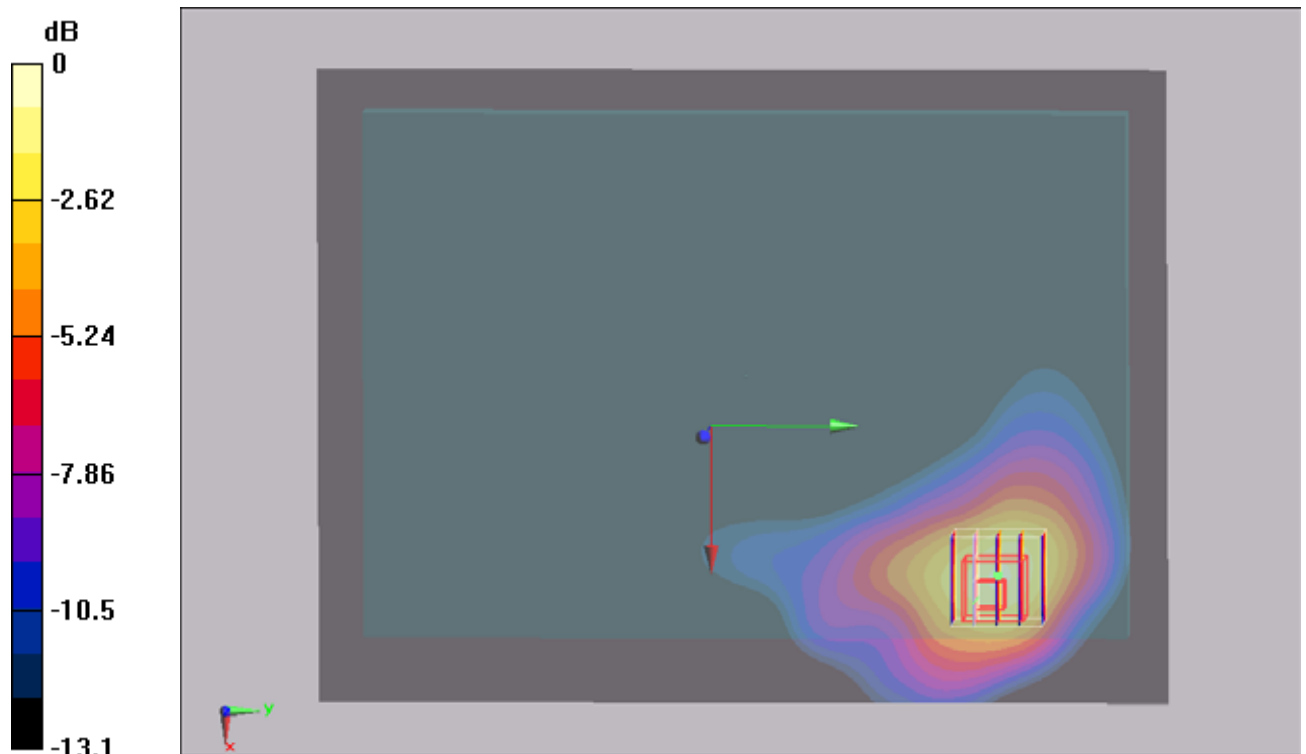
0 dB = 0.662mW/g

#01 GSM850_GPRS10_Bottom Face_0cm_Ch251_Ant1_Earphone_2D

DUT: 171811

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:4
Medium: MSL_850_110824 Medium parameters used: f = 849 MHz; σ = 0.976 mho/m; $ε_r$ = 54.4; ρ = 1000

kg/m^3
Ambient Temperature 22.5 ; Liquid Temperature 21.5

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.35, 6.35, 6.35); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch251/Area Scan (151x111x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.564 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.64 V/m; Power Drift = -0.187 dB
Peak SAR (extrapolated) = 0.978 W/kg
SAR(1 g) = 0.605 mW/g; SAR(10 g) = 0.367 mW/g
Maximum value of SAR (measured) = 0.662 mW/g

#32 GSM850_GPRS10_Bottom Face_0cm_Ch251_Ant2_Earphone

DUT: 171811

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:4
Medium: MSL_850_110831 Medium parameters used: f = 849 MHz; σ = 1.01 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.35, 6.35, 6.35); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (121x91x1): Measurement grid: dx=25mm, dy=25mm
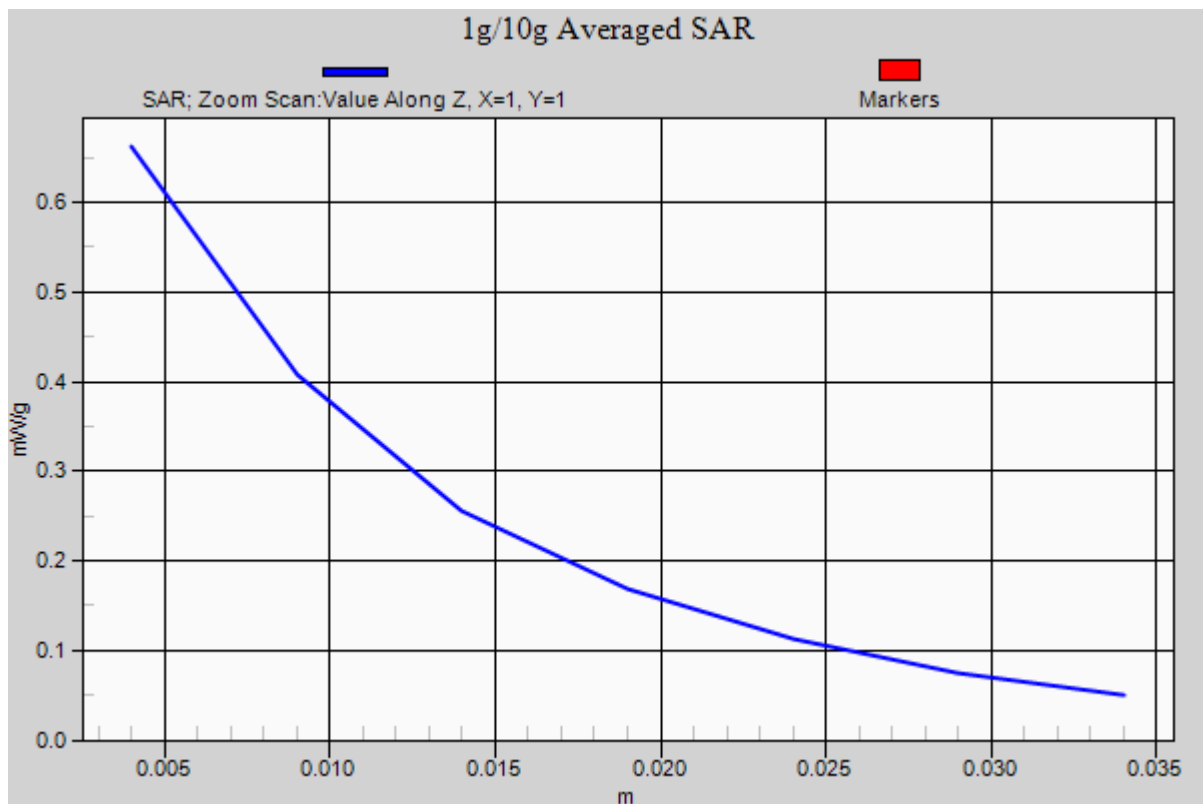Maximum value of SAR (interpolated) = 0.798 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.48 V/m; Power Drift = 0.073 dB
Peak SAR (extrapolated) = 0.907 W/kg
SAR(1 g) = 0.585 mW/g; SAR(10 g) = 0.365 mW/g
Maximum value of SAR (measured) = 0.626 mW/g

0 dB = 0.626mW/g

#32 GSM850_GPRS10_Bottom Face_0cm_Ch251_Ant2_Earphone_2D

DUT: 171811

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:4
Medium: MSL_850_110831 Medium parameters used: f = 849 MHz; σ = 1.01 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.35, 6.35, 6.35); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (121x91x1): Measurement grid: dx=25mm, dy=25mm
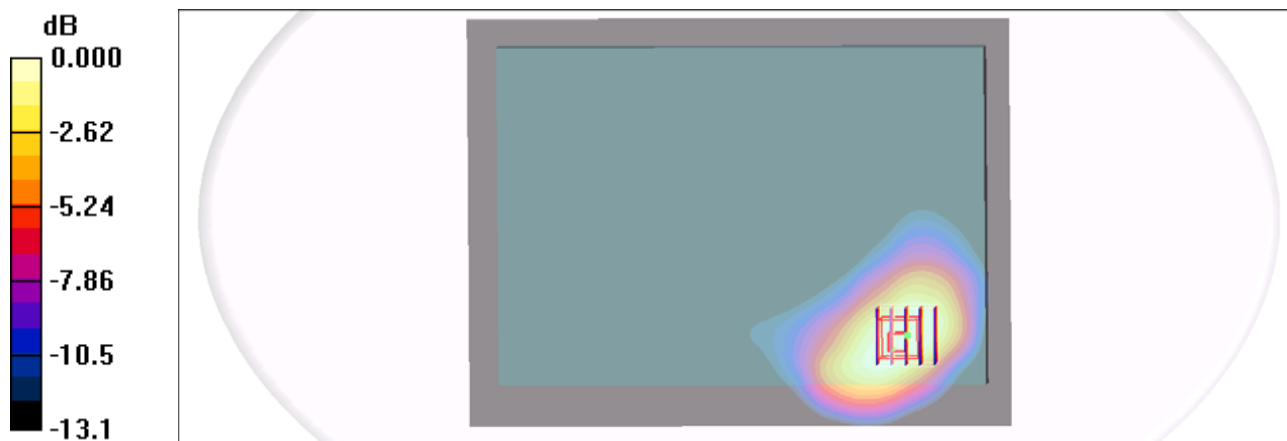Maximum value of SAR (interpolated) = 0.798 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.48 V/m; Power Drift = 0.073 dB
Peak SAR (extrapolated) = 0.907 W/kg
SAR(1 g) = 0.585 mW/g; SAR(10 g) = 0.365 mW/g
Maximum value of SAR (measured) = 0.626 mW/g

#02 GSM850_GPRS10_Secondary Landscape_0cm_Ch251_Ant1_Earphone

DUT: 171811

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:4
Medium: MSL_850_110824 Medium parameters used: f = 849 MHz; σ = 0.976 mho/m; $ε_r$ = 54.4; ρ = 1000

kg/m^3
Ambient Temperature 22.5 ; Liquid Temperature 21.5

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.35, 6.35, 6.35); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch251/Area Scan (151x31x1): Measurement grid: dx=20mm, dy=20mm
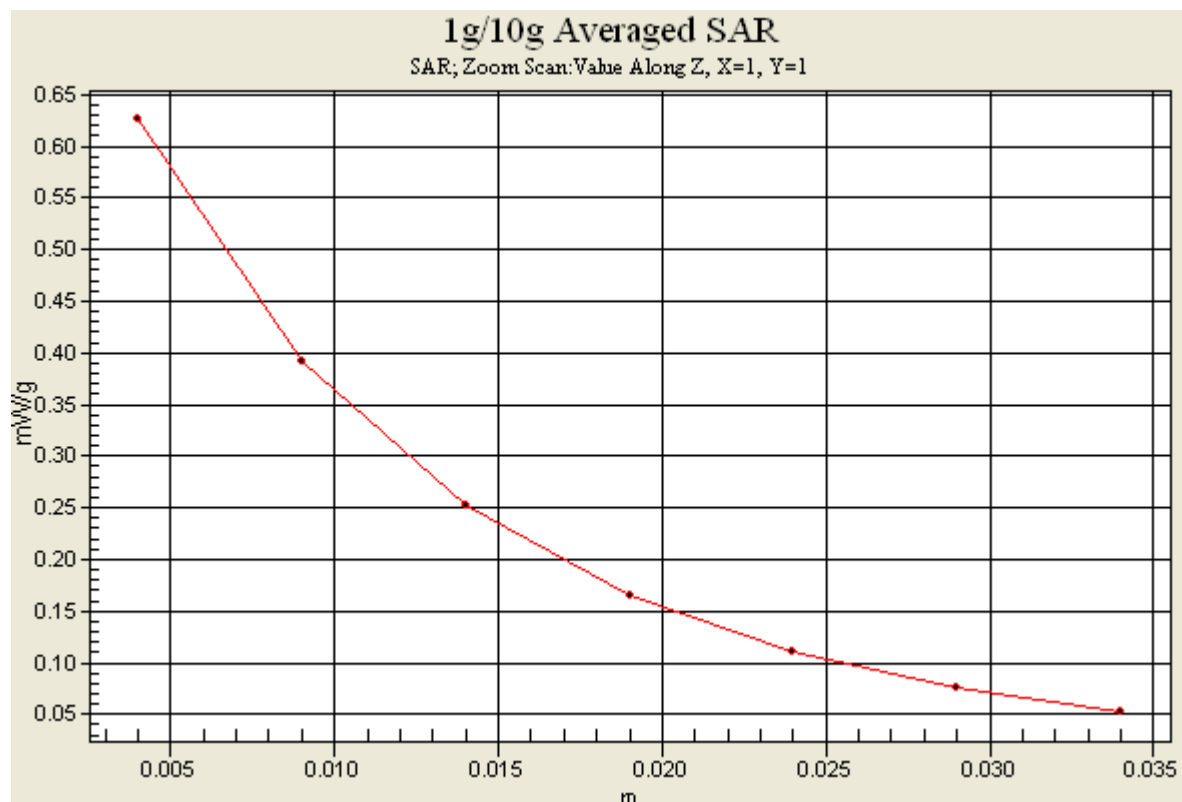Maximum value of SAR (interpolated) = 0.298 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.3 V/m; Power Drift = -0.157 dB
Peak SAR (extrapolated) = 0.749 W/kg
SAR(1 g) = 0.353 mW/g; SAR(10 g) = 0.171 mW/g
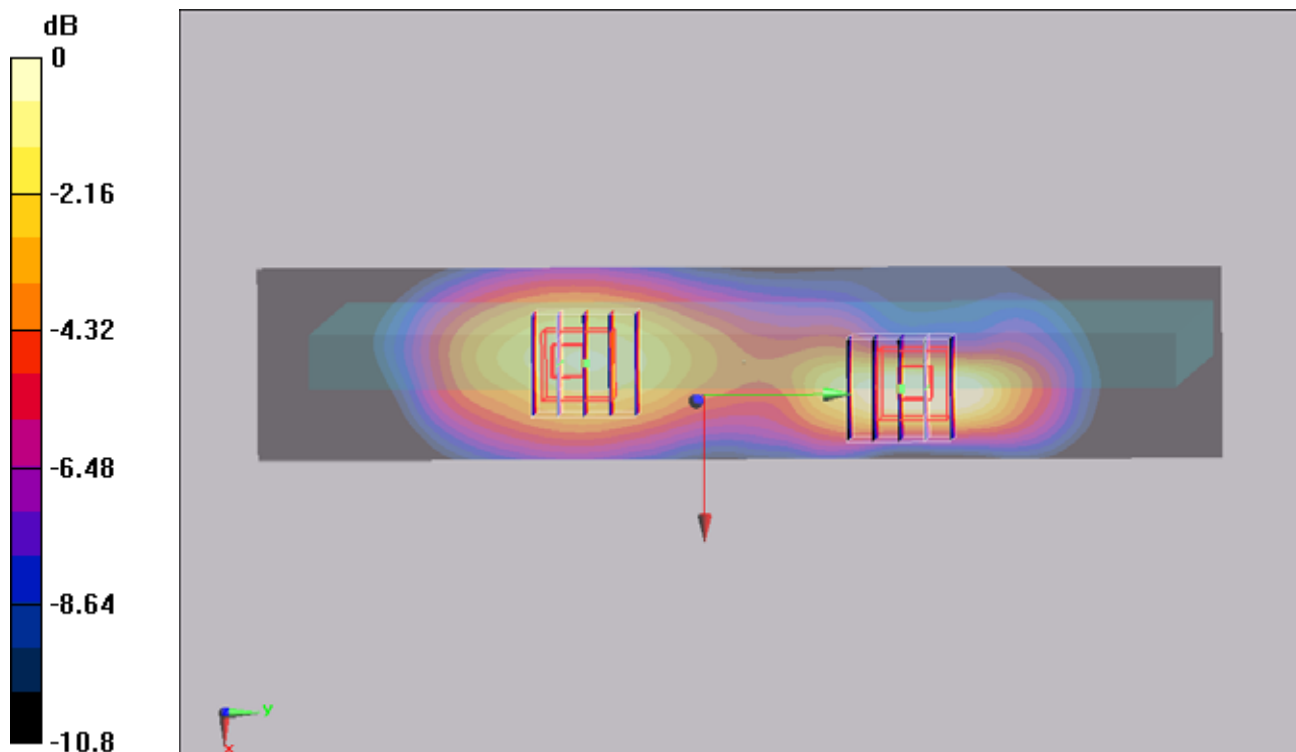Maximum value of SAR (measured) = 0.418 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.3 V/m; Power Drift = -0.157 dB
Peak SAR (extrapolated) = 0.348 W/kg
SAR(1 g) = 0.225 mW/g; SAR(10 g) = 0.143 mW/g
Maximum value of SAR (measured) = 0.258 mW/g

0 dB = 0.258mW/g

#25 GSM850_GPRS10_Primary Portrait_0cm_Ch251_Ant1_Earphone

DUT: 171811

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:4
Medium: MSL_850_110826 Medium parameters used: f = 849 MHz; σ = 0.99 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.35, 6.35, 6.35); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (121x31x1): Measurement grid: dx=20mm, dy=20mm
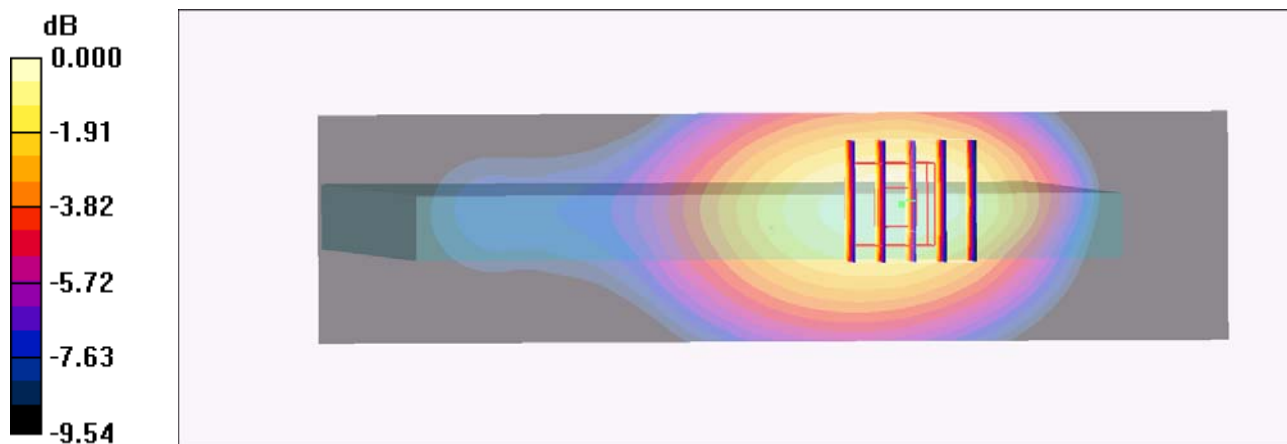Maximum value of SAR (interpolated) = 0.145 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.7 V/m; Power Drift = 0.042 dB
Peak SAR (extrapolated) = 0.173 W/kg
SAR(1 g) = 0.135 mW/g; SAR(10 g) = 0.096 mW/g
Maximum value of SAR (measured) = 0.144 mW/g

0 dB = 0.144mW/g

#03 GSM1900_GPRS10_Bottom Face_0cm_Ch661_Ant1_Earphone

DUT: 171811

Communication System: PCS 1900; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110824 Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε_r = 55.1; ρ = 1000

kg/m^3
Ambient Temperature 22.6 ; Liquid Temperature 21.6

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch661/Area Scan (151x111x1): Measurement grid: dx=20mm, dy=20mm
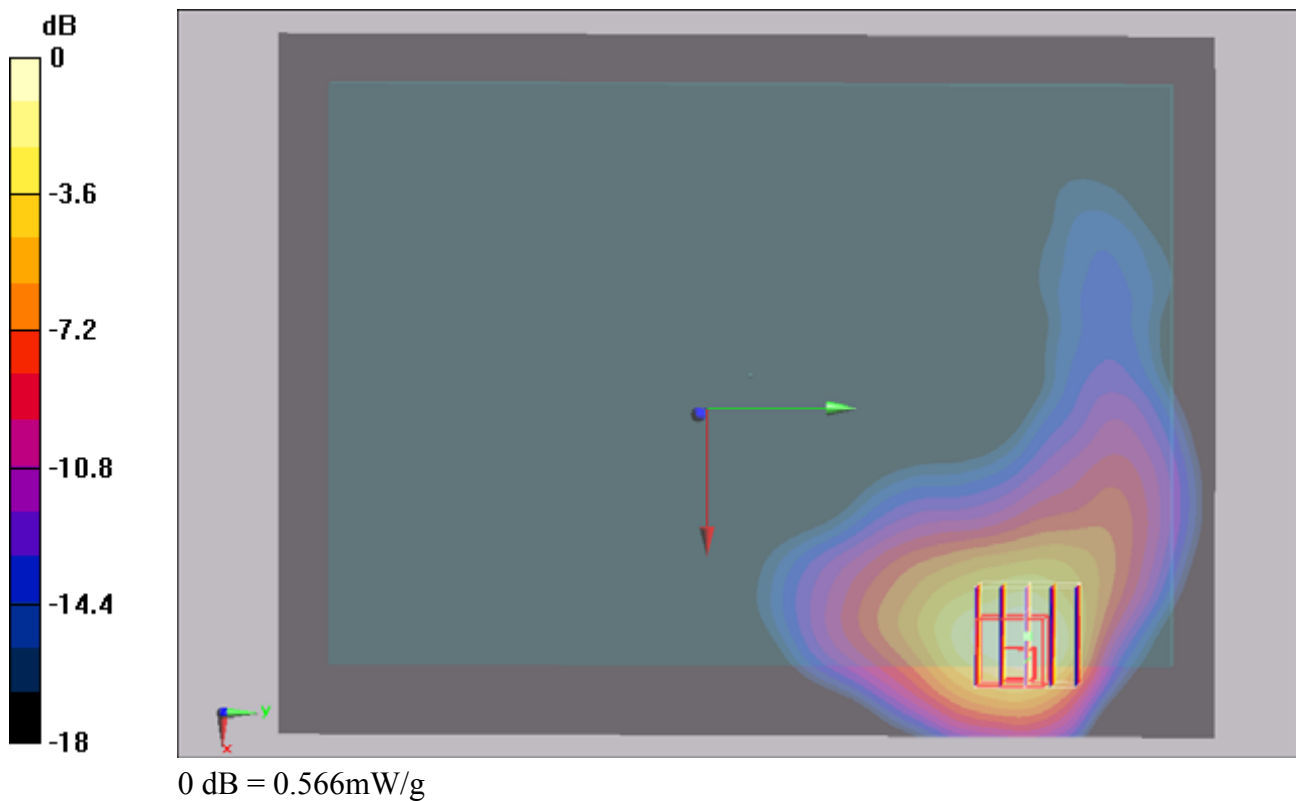Maximum value of SAR (interpolated) = 0.602 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.401 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.969 W/kg
SAR(1 g) = 0.523 mW/g; SAR(10 g) = 0.266 mW/g
Maximum value of SAR (measured) = 0.566 mW/g

0 dB = 0.566mW/g

#04 GSM1900_GPRS10_Secondary Landscape_0cm_Ch661_Ant1_Earphone

DUT: 171811

Communication System: PCS 1900; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110824 Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; $ε_r$ = 55.1; ρ = 1000 kg/m^3
Ambient Temperature   22.6   ; Liquid Temperature   21.6

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch661/Area Scan (151x31x1): Measurement grid: dx=20mm, dy=20mm
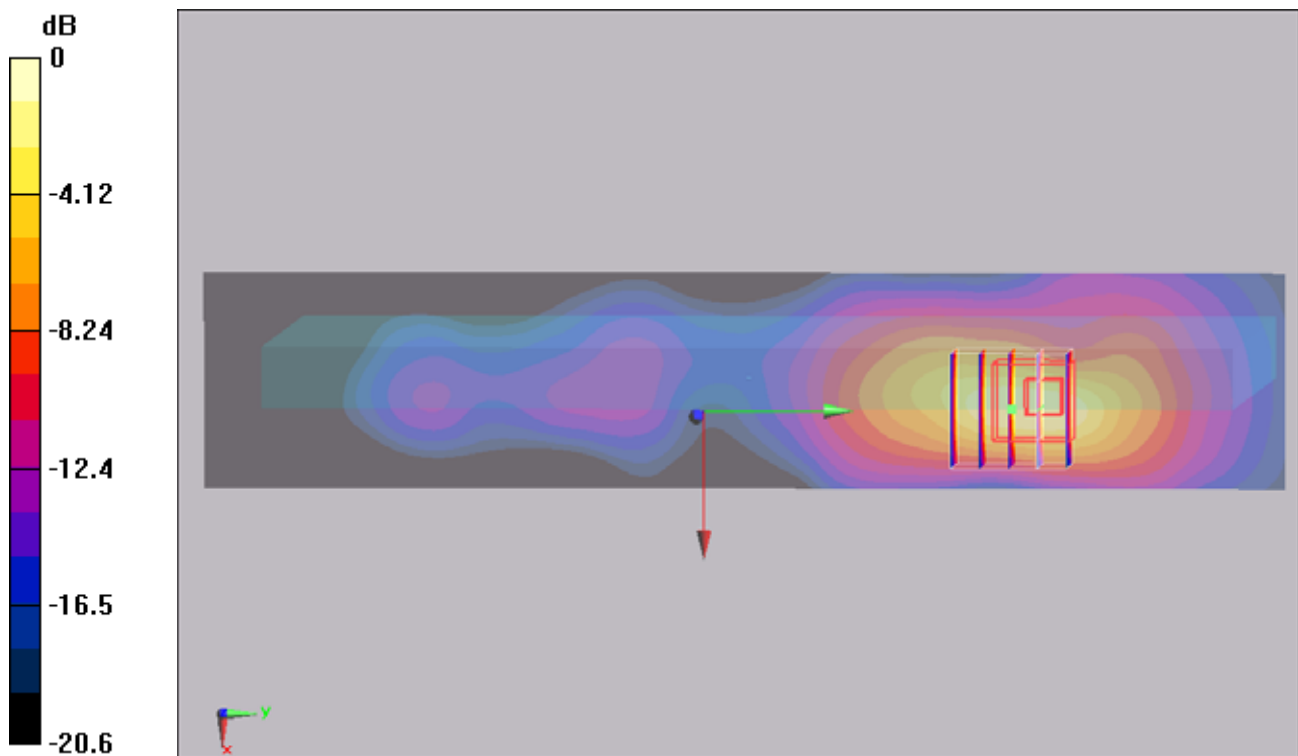Maximum value of SAR (interpolated) = 0.747 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.31 V/m; Power Drift = 0.193 dB
Peak SAR (extrapolated) = 1.83 W/kg
SAR(1 g) = 0.940 mW/g; SAR(10 g) = 0.440 mW/g
Maximum value of SAR (measured) = 1.02 mW/g

0 dB = 1.02mW/g

#35 GSM1900_GPRS10_Secondary Landscape_0cm_Ch661_Ant2_Earphone

DUT: 171811

Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110905 Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε_r = 55.1; ρ = 1000 kg/m^3
Ambient Temperature 22.3 ; Liquid Temperature 21.3

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch661/Area Scan (151x31x1): Measurement grid: dx=20mm, dy=20mm
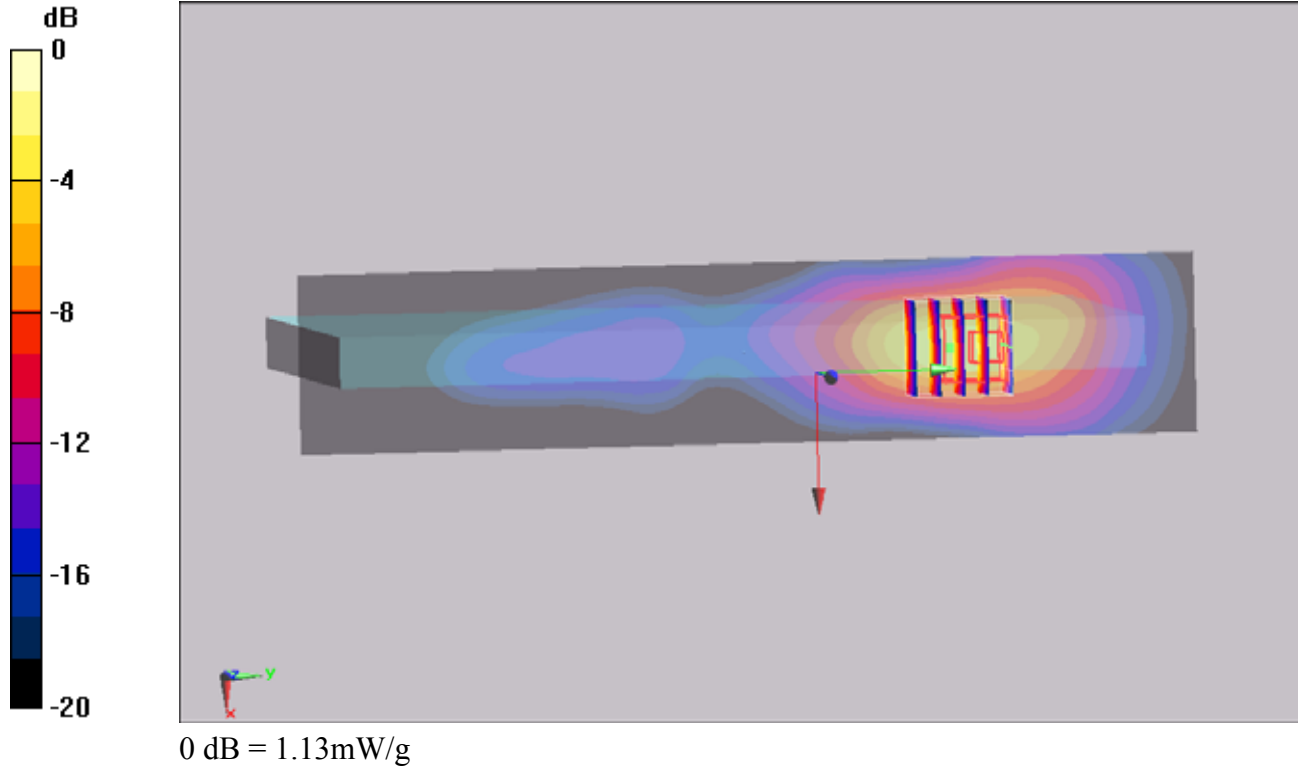Maximum value of SAR (interpolated) = 0.609 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.84 V/m; Power Drift = -0.048 dB
Peak SAR (extrapolated) = 1.86 W/kg
SAR(1 g) = 0.897 mW/g; SAR(10 g) = 0.423 mW/g
Maximum value of SAR (measured) = 1.13 mW/g

0 dB = 1.13mW/g

#15 GSM1900_GPRS10_Secondary Landscape_0cm_Ch512_Ant1_Earphone

DUT: 171811

Communication System: PCS 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110824 Medium parameters used : f = 1850.2 MHz; σ = 1.46 mho/m; ε_r = 55.2; ρ = 1000

kg/m^3
Ambient Temperature 22.6 ; Liquid Temperature 21.6

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch512/Area Scan (151x31x1): Measurement grid: dx=20mm, dy=20mm
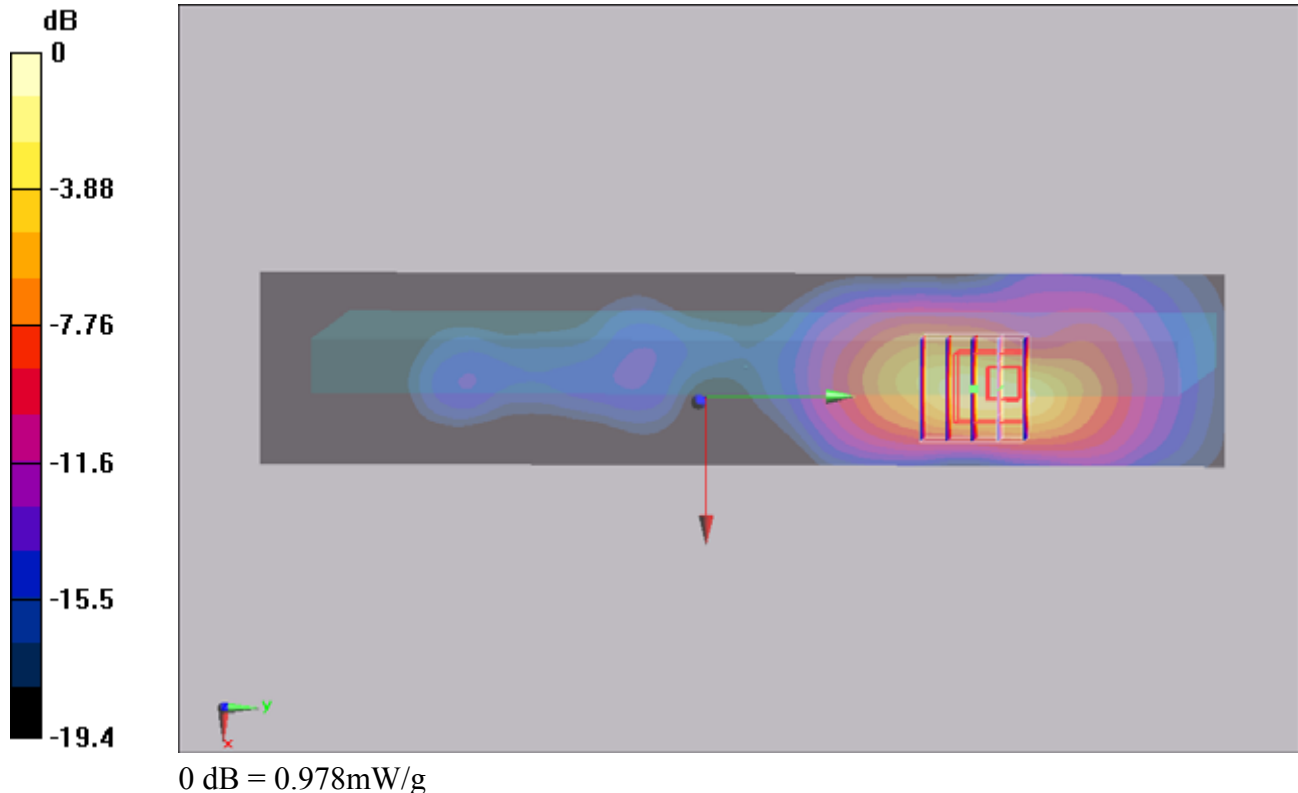Maximum value of SAR (interpolated) = 0.708 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.56 V/m; Power Drift = 0.109 dB
Peak SAR (extrapolated) = 1.59 W/kg
SAR(1 g) = 0.836 mW/g; SAR(10 g) = 0.401 mW/g
Maximum value of SAR (measured) = 0.978 mW/g

0 dB = 0.978mW/g

#34 GSM1900_GPRS10_Secondary Landscape_0cm_Ch512_Ant2_Earphone

DUT: 171811

Communication System: PCS; Frequency: 1850.2 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110905 Medium parameters used: f = 1850.2 MHz; σ = 1.46 mho/m; ε$_r$ = 55.2; ρ = 1000 kg/m^3
Ambient Temperature 22.3   ; Liquid Temperature 21.3

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch512/Area Scan (151x31x1): Measurement grid: dx=20mm, dy=20mm
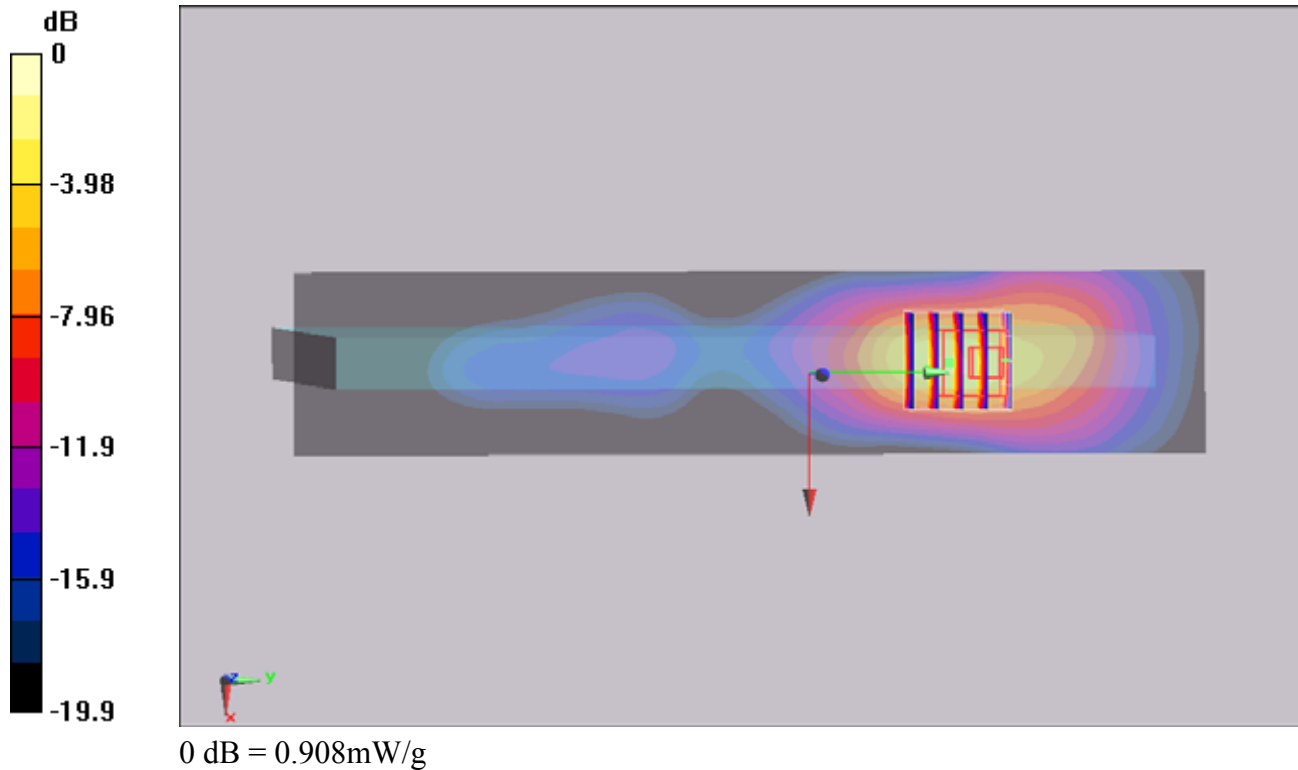Maximum value of SAR (interpolated) = 0.522 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.65 V/m; Power Drift = 0.119 dB
Peak SAR (extrapolated) = 1.51 W/kg
SAR(1 g) = 0.737 mW/g; SAR(10 g) = 0.353 mW/g
Maximum value of SAR (measured) = 0.908 mW/g

0 dB = 0.908mW/g

#16 GSM1900_GPRS10_Secondary Landscape_0cm_Ch810_Ant1_Earphone

DUT: 171811

Communication System: PCS 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110824 Medium parameters used: f = 1910 MHz; σ = 1.53 mho/m; ε_r = 55.1; ρ = 1000 kg/m^3
Ambient Temperature 22.6 ; Liquid Temperature 21.6

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch810/Area Scan (151x31x1): Measurement grid: dx=20mm, dy=20mm
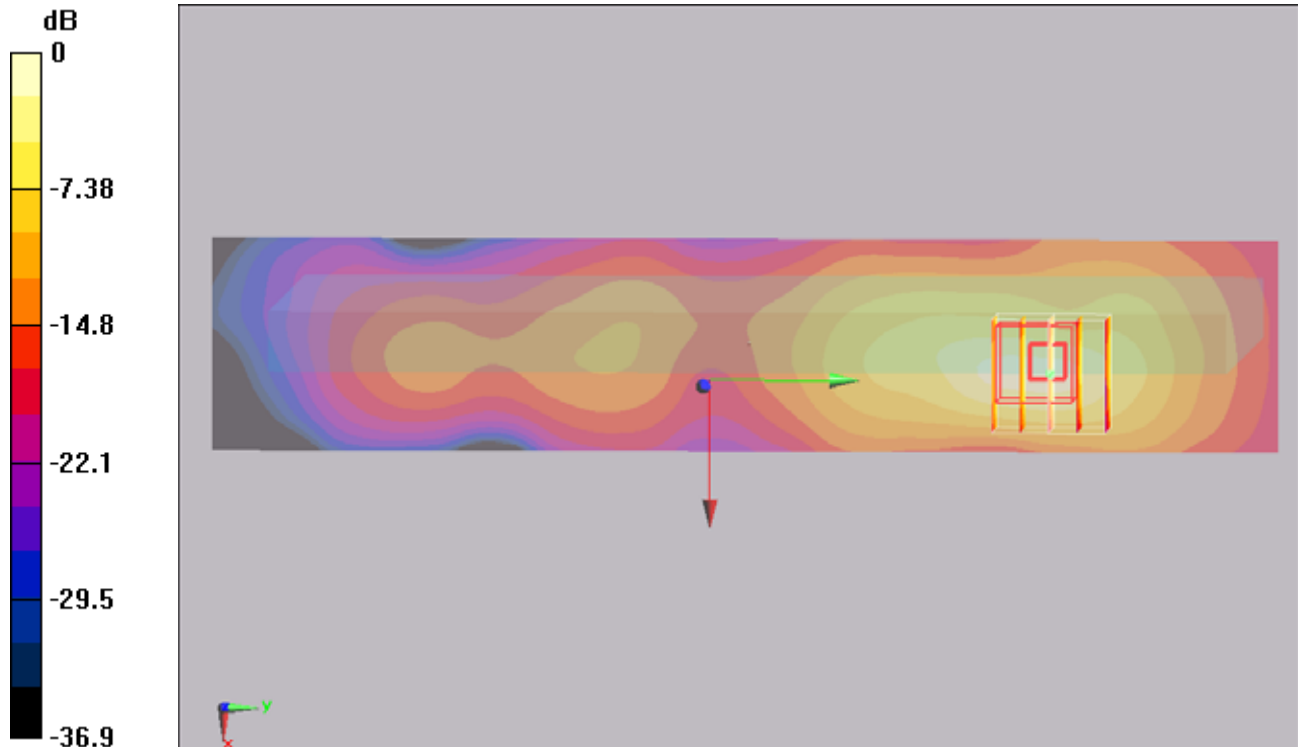Maximum value of SAR (interpolated) = 0.884 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.39 V/m; Power Drift = 0.034 dB
Peak SAR (extrapolated) = 2.31 W/kg
SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.518 mW/g
Maximum value of SAR (measured) = 1.21 mW/g

0 dB = 1.21mW/g

#16 GSM1900_GPRS10_Secondary Landscape_0cm_Ch810_Ant1_Earphone_2D

DUT: 171811

Communication System: PCS 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110824 Medium parameters used: f = 1910 MHz; σ = 1.53 mho/m; ε_r = 55.1; ρ = 1000

kg/m^3
Ambient Temperature 22.6 ; Liquid Temperature 21.6

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch810/Area Scan (151x31x1): Measurement grid: dx=20mm, dy=20mm
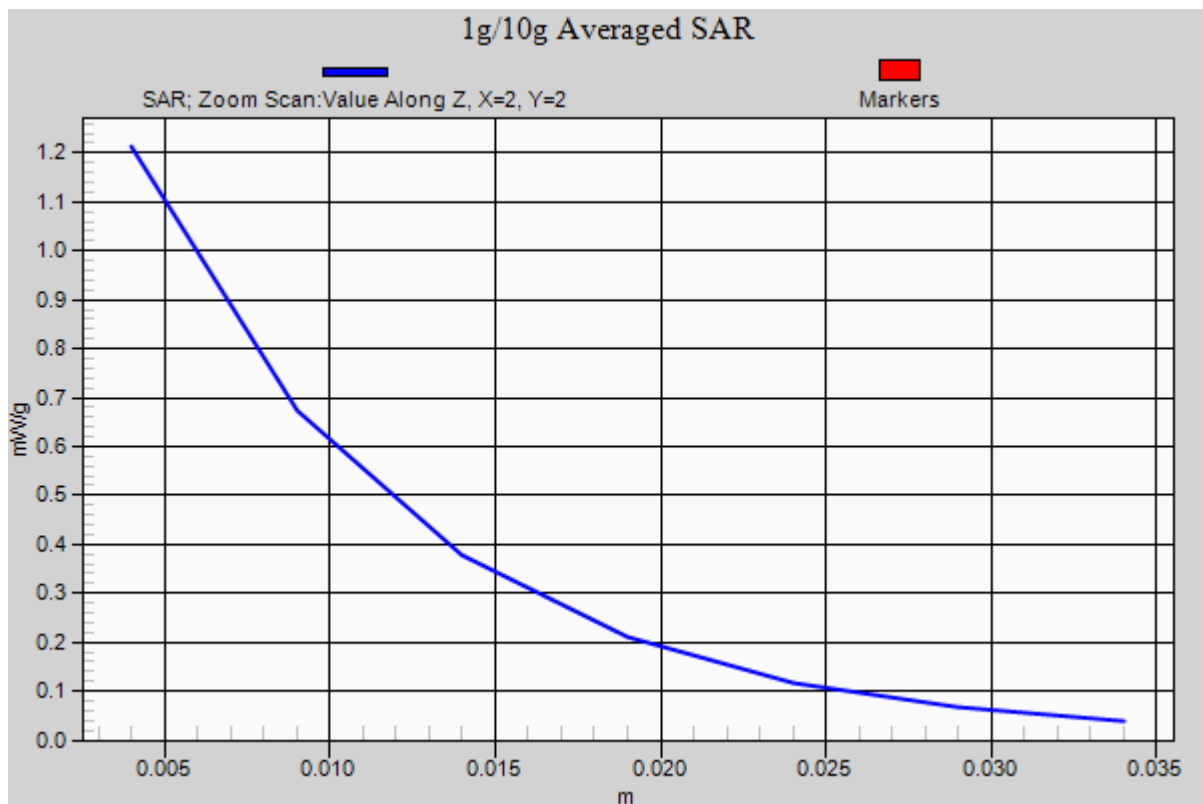Maximum value of SAR (interpolated) = 0.884 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.39 V/m; Power Drift = 0.034 dB
Peak SAR (extrapolated) = 2.31 W/kg
SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.518 mW/g
Maximum value of SAR (measured) = 1.21 mW/g

#33 GSM1900_GPRS10_Secondary Landscape_0cm_Ch810_Ant2_Earphone

DUT: 171811

Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110905 Medium parameters used: f = 1910 MHz; σ = 1.53 mho/m; ε_r = 55.1; ρ = 1000

kg/m^3
Ambient Temperature 22.3 ; Liquid Temperature 21.3

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch810/Area Scan (151x31x1): Measurement grid: dx=20mm, dy=20mm
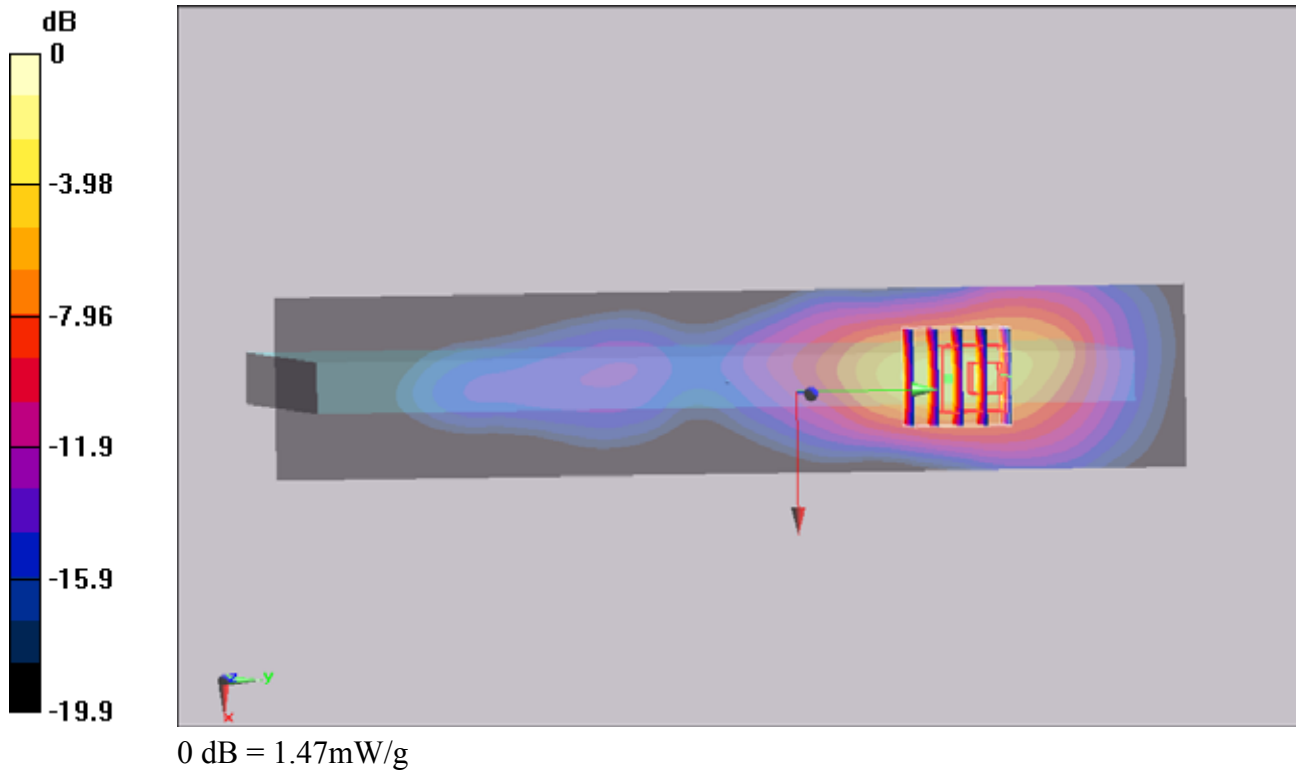Maximum value of SAR (interpolated) = 0.759 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.97 V/m; Power Drift = 0.049 dB
Peak SAR (extrapolated) = 2.44 W/kg
SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.547 mW/g
Maximum value of SAR (measured) = 1.47 mW/g

0 dB = 1.47mW/g

#33 GSM1900_GPRS10_Secondary Landscape_0cm_Ch810_Ant2_Earphone_2D

DUT: 171811

Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110905 Medium parameters used: f = 1910 MHz; σ = 1.53 mho/m; $ε_r$ = 55.1; ρ = 1000 kg/m^3
Ambient Temperature 22.3 ; Liquid Temperature 21.3

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch810/Area Scan (151x31x1): Measurement grid: dx=20mm, dy=20mm
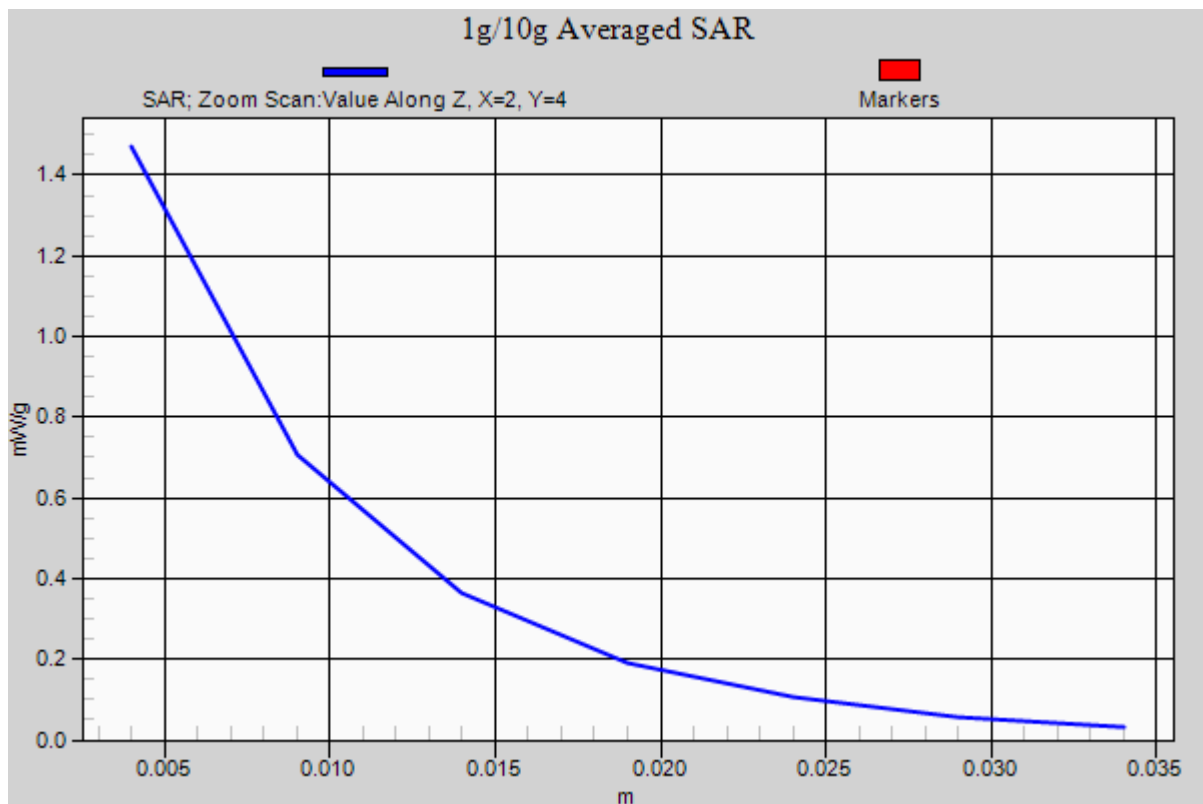Maximum value of SAR (interpolated) = 0.759 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.97 V/m; Power Drift = 0.049 dB
Peak SAR (extrapolated) = 2.44 W/kg
SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.547 mW/g
Maximum value of SAR (measured) = 1.47 mW/g

#22 GSM1900_GPRS10_Primary Portrait_0cm_Ch661_Ant1_Earphone

DUT: 171811

Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110825 Medium parameters used: f = 1880 MHz; σ = 1.48 mho/m; ε_r = 53.7; ρ

= 1000 kg/m^3
Ambient Temperature：22.6 ℃；Liquid Temperature：21.6 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch661/Area Scan (121x31x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.195 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.67 V/m; Power Drift = 0.047 dB
Peak SAR (extrapolated) = 0.291 W/kg
SAR(1 g) = 0.180 mW/g; SAR(10 g) = 0.104 mW/g
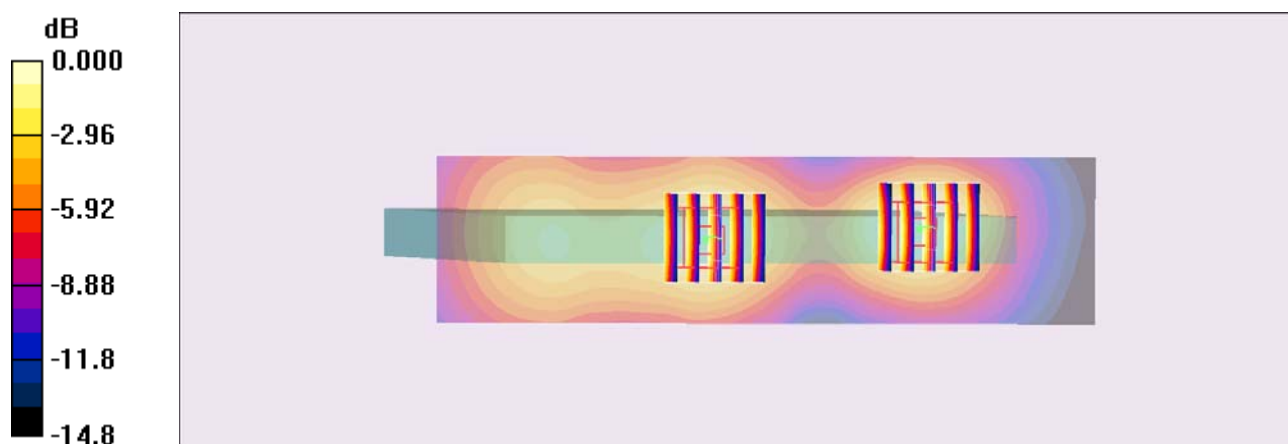Maximum value of SAR (measured) = 0.195 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.67 V/m; Power Drift = 0.047 dB
Peak SAR (extrapolated) = 0.219 W/kg
SAR(1 g) = 0.144 mW/g; SAR(10 g) = 0.089 mW/g
Maximum value of SAR (measured) = 0.157 mW/g

0 dB = 0.157mW/g

#05 WCDMA V_RMC12.2K_Bottom Face_0cm_Ch4182_Ant1_Earphone

DUT: 171811

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_110824 Medium parameters used : f = 836.4 MHz; σ = 0.964 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Ambient Temperature 22.5 ; Liquid Temperature 21.5

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.35, 6.35, 6.35); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch4182/Area Scan (151x111x1): Measurement grid: dx=20mm, dy=20mm
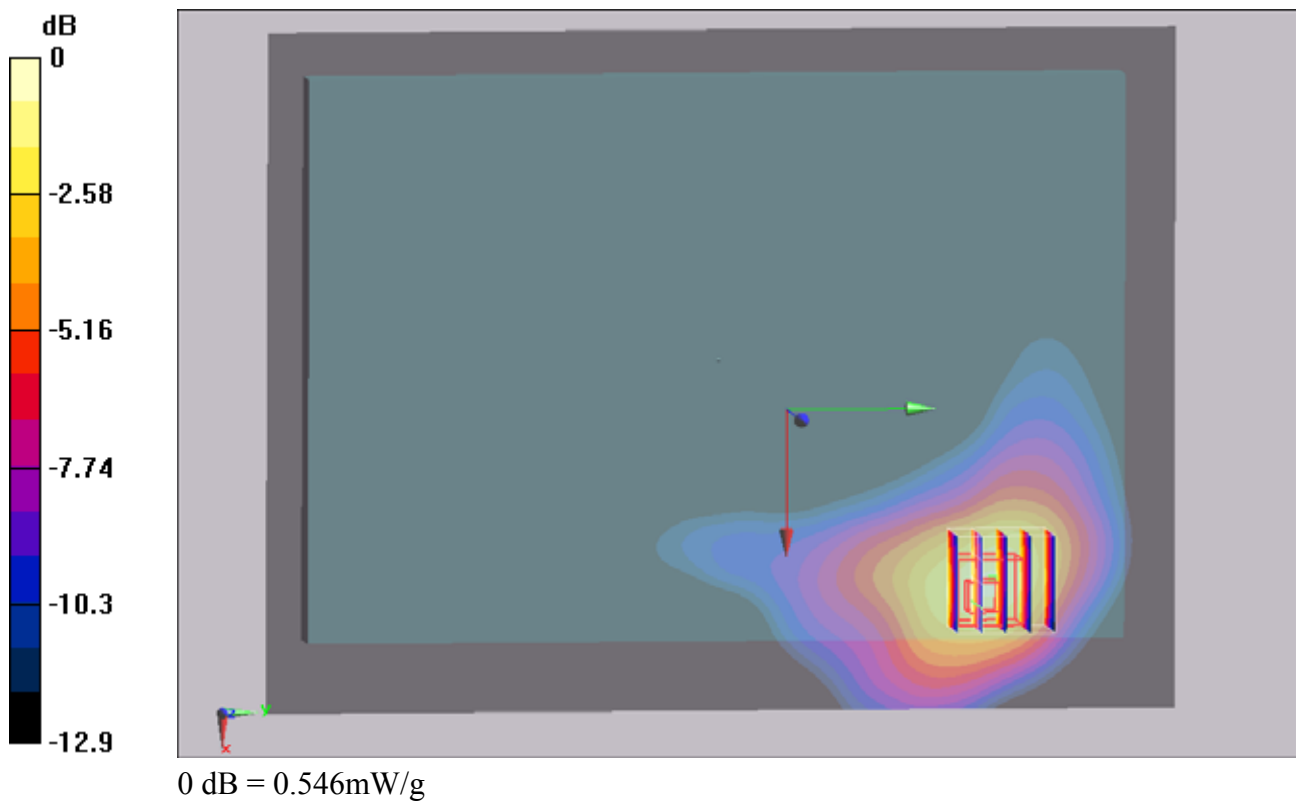Maximum value of SAR (interpolated) = 0.463 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.81 V/m; Power Drift = -0.153 dB
Peak SAR (extrapolated) = 0.795 W/kg
SAR(1 g) = 0.503 mW/g; SAR(10 g) = 0.307 mW/g
Maximum value of SAR (measured) = 0.546 mW/g

0 dB = 0.546mW/g

#05 WCDMA V_RMC12.2K_Bottom Face_0cm_Ch4182_Ant1_Earphone_2D

DUT: 171811

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_110824 Medium parameters used : f = 836.4 MHz; σ = 0.964 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Ambient Temperature   22.5   ; Liquid Temperature   21.5

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.35, 6.35, 6.35); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch4182/Area Scan (151x111x1): Measurement grid: dx=20mm, dy=20mm
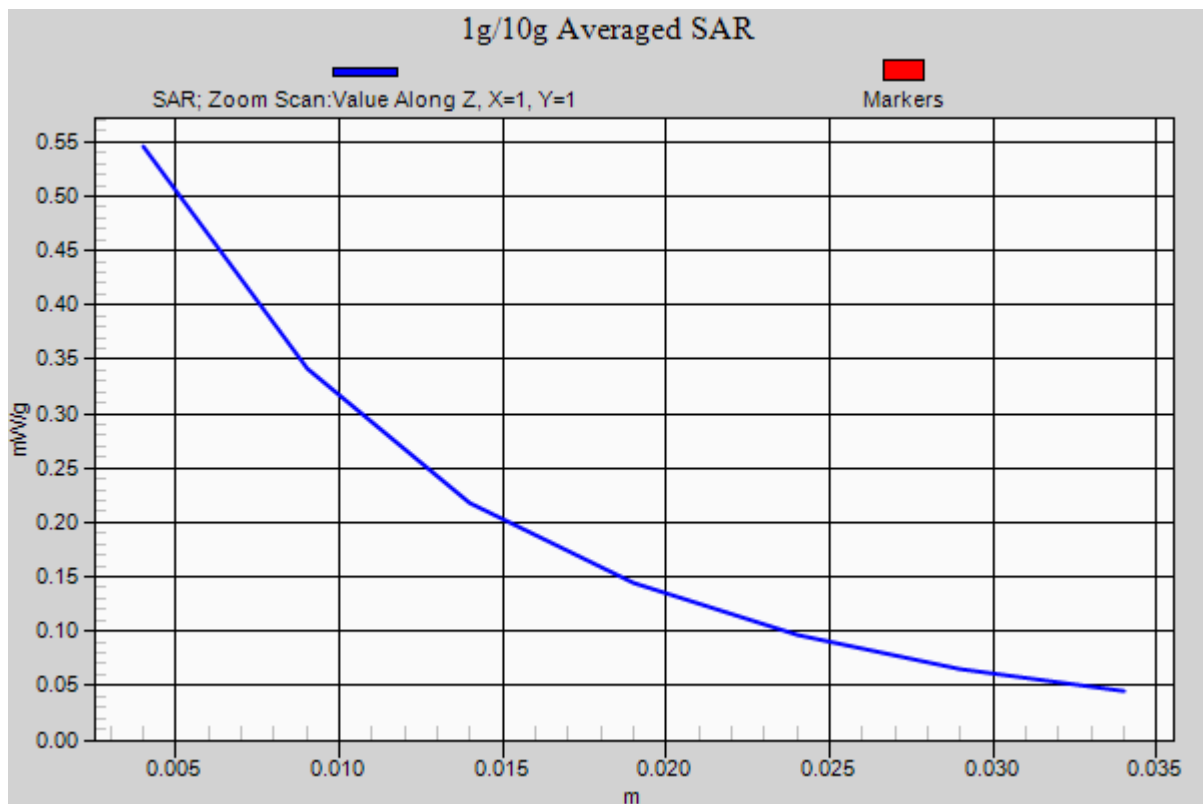Maximum value of SAR (interpolated) = 0.463 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.81 V/m; Power Drift = -0.153 dB
Peak SAR (extrapolated) = 0.795 W/kg
SAR(1 g) = 0.503 mW/g; SAR(10 g) = 0.307 mW/g
Maximum value of SAR (measured) = 0.546 mW/g

#40 WCDMA V_RMC12.2K_Bottom Face_0cm_Ch4182_Ant2_Earphone

DUT: 171811

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_110905 Medium parameters used: f = 836.4 MHz; σ = 0.964 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Ambient Temperature 22.5 ; Liquid Temperature 21.5

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch4182/Area Scan (151x111x1): Measurement grid: dx=20mm, dy=20mm
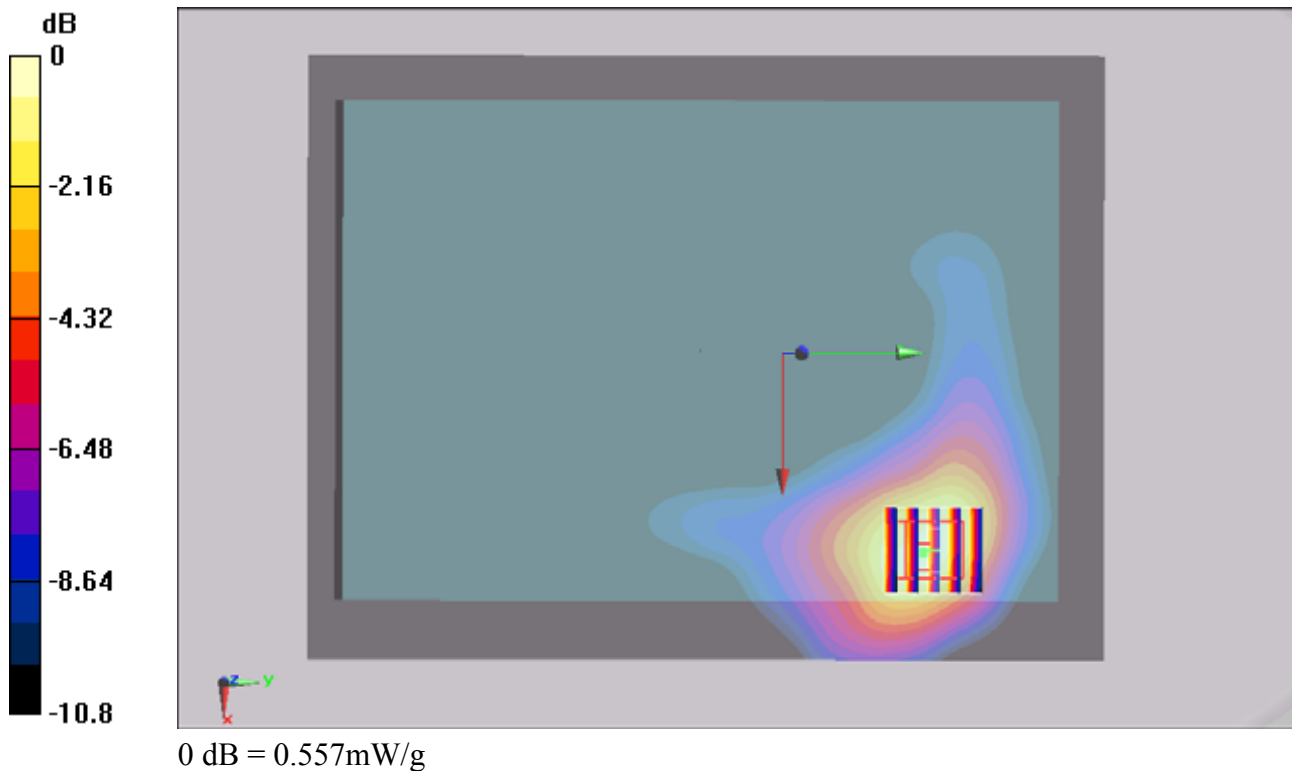Maximum value of SAR (interpolated) = 0.538 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.05 V/m; Power Drift = 0.179 dB
Peak SAR (extrapolated) = 0.812 W/kg
SAR(1 g) = 0.521 mW/g; SAR(10 g) = 0.332 mW/g
Maximum value of SAR (measured) = 0.557 mW/g

0 dB = 0.557mW/g

#40 WCDMA V_RMC12.2K_Bottom Face_0cm_Ch4182_Ant2_Earphone_2D

DUT: 171811

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_110905 Medium parameters used: f = 836.4 MHz; σ = 0.964 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Ambient Temperature 22.5 ; Liquid Temperature 21.5

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch4182/Area Scan (151x111x1): Measurement grid: dx=20mm, dy=20mm
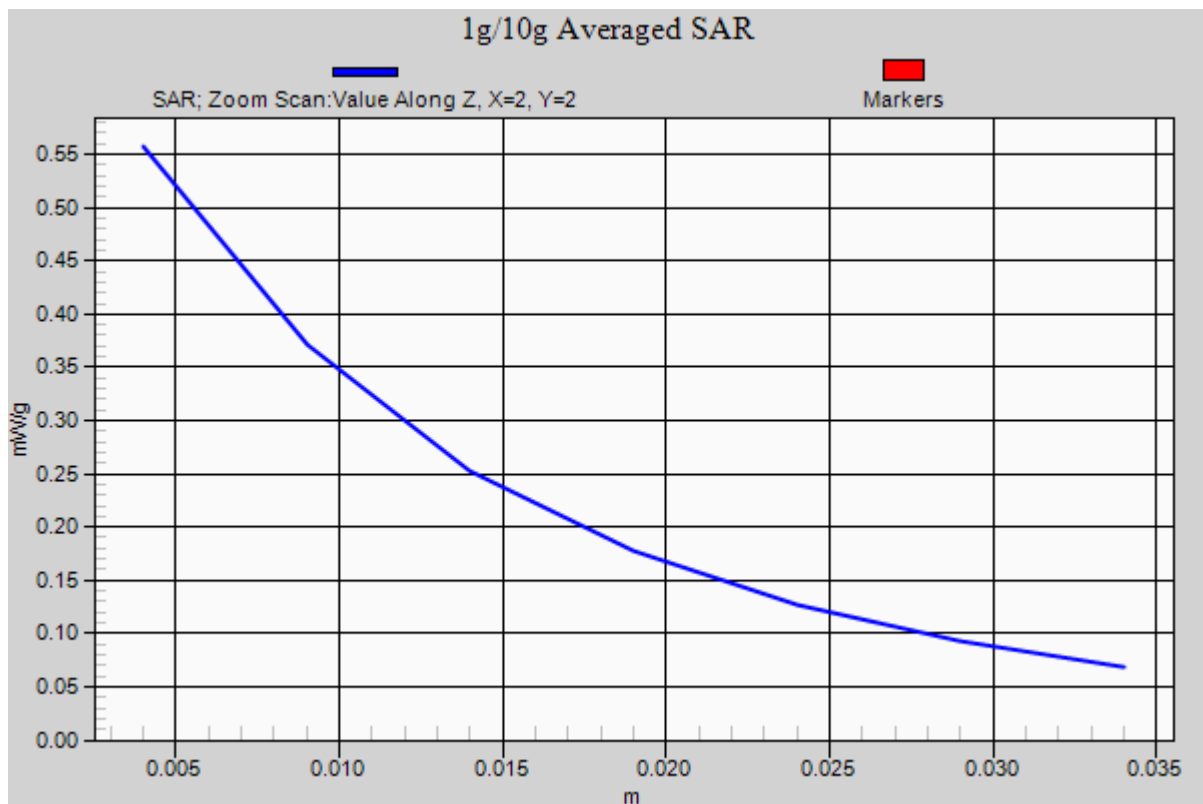Maximum value of SAR (interpolated) = 0.538 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.05 V/m; Power Drift = 0.179 dB
Peak SAR (extrapolated) = 0.812 W/kg
SAR(1 g) = 0.521 mW/g; SAR(10 g) = 0.332 mW/g
Maximum value of SAR (measured) = 0.557 mW/g

#06 WCDMA V_RMC12.2K_Secondary Landscape_0cm_Ch4182_Ant1_Earphone

DUT: 171811

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_110824 Medium parameters used : f = 836.4 MHz; σ = 0.964 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Ambient Temperature 22.5 ； Liquid Temperature 21.5

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.35, 6.35, 6.35); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

C4182/Area Scan (151x31x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.279 mW/g

C4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.5 V/m; Power Drift = 0.184 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.460 mW/g; SAR(10 g) = 0.219 mW/g
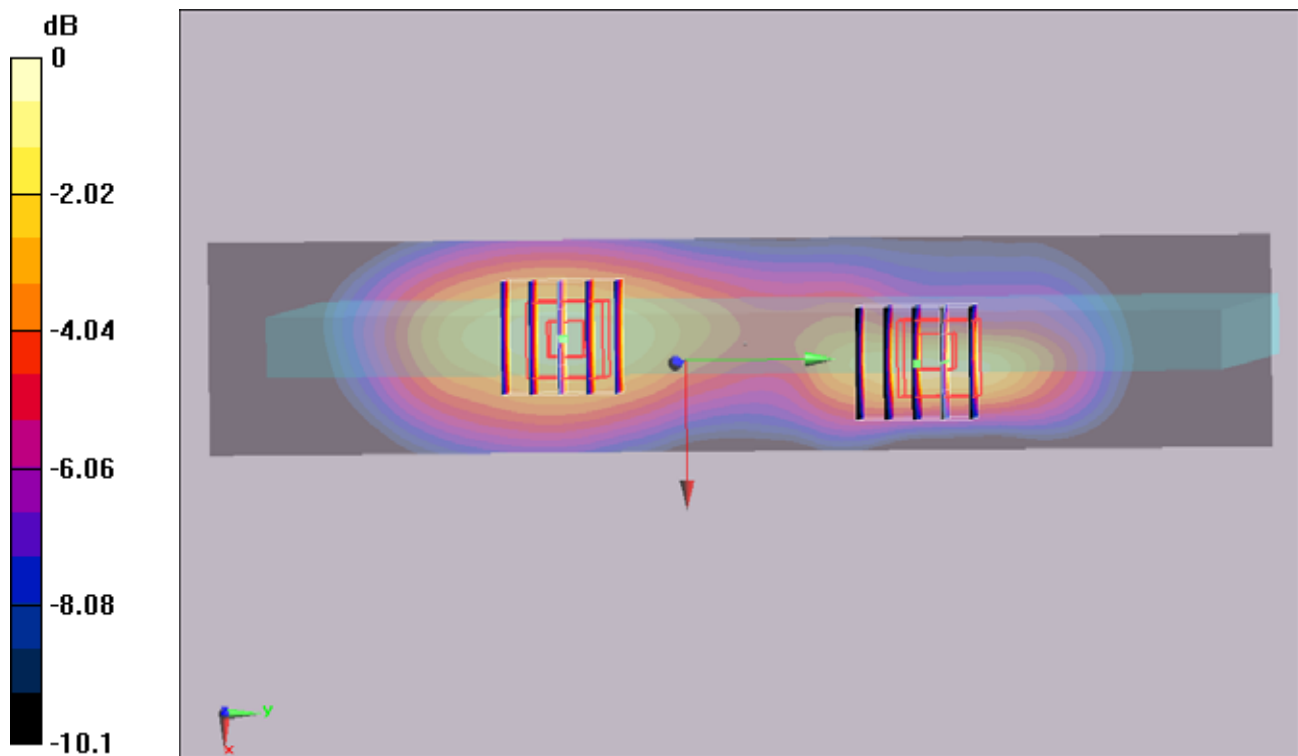Maximum value of SAR (measured) = 0.495 mW/g

C4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.5 V/m; Power Drift = 0.184 dB
Peak SAR (extrapolated) = 0.439 W/kg
SAR(1 g) = 0.306 mW/g; SAR(10 g) = 0.201 mW/g
Maximum value of SAR (measured) = 0.337 mW/g

0 dB = 0.337mW/g

#28 WCDMA V_RMC12.2K_Primary Portrait_0cm_Ch4182_Ant1_Earphone

DUT: 171811

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_110826 Medium parameters used: f = 836.4 MHz; σ = 0.977 mho/m; ε_r = 53; ρ =

1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.35, 6.35, 6.35); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Area Scan (121x31x1): Measurement grid: dx=20mm, dy=20mm
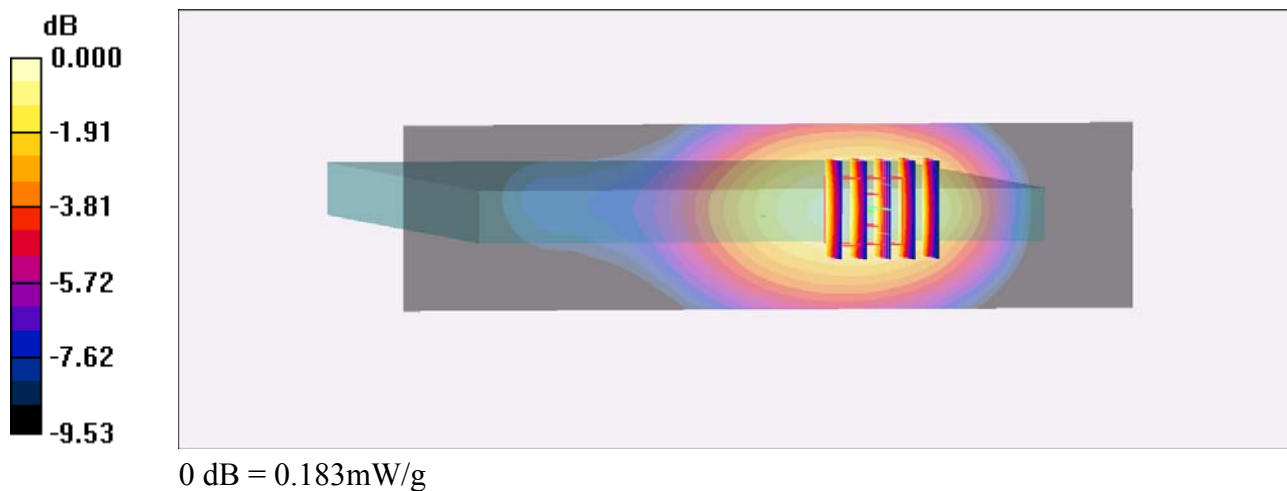Maximum value of SAR (interpolated) = 0.179 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.5 V/m; Power Drift = -0.160 dB
Peak SAR (extrapolated) = 0.217 W/kg
SAR(1 g) = 0.171 mW/g; SAR(10 g) = 0.122 mW/g
Maximum value of SAR (measured) = 0.183 mW/g

0 dB = 0.183mW/g

#07 WCDMA II_RMC12.2K_Bottom Face_0cm_Ch9400_Ant1_Earphone

DUT: 171811

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110824 Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε_r = 55.1; ρ = 1000 kg/m^3
Ambient Temperature 22.6 ; Liquid Temperature 21.6

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9400/Area Scan (151x111x1): Measurement grid: dx=20mm, dy=20mm
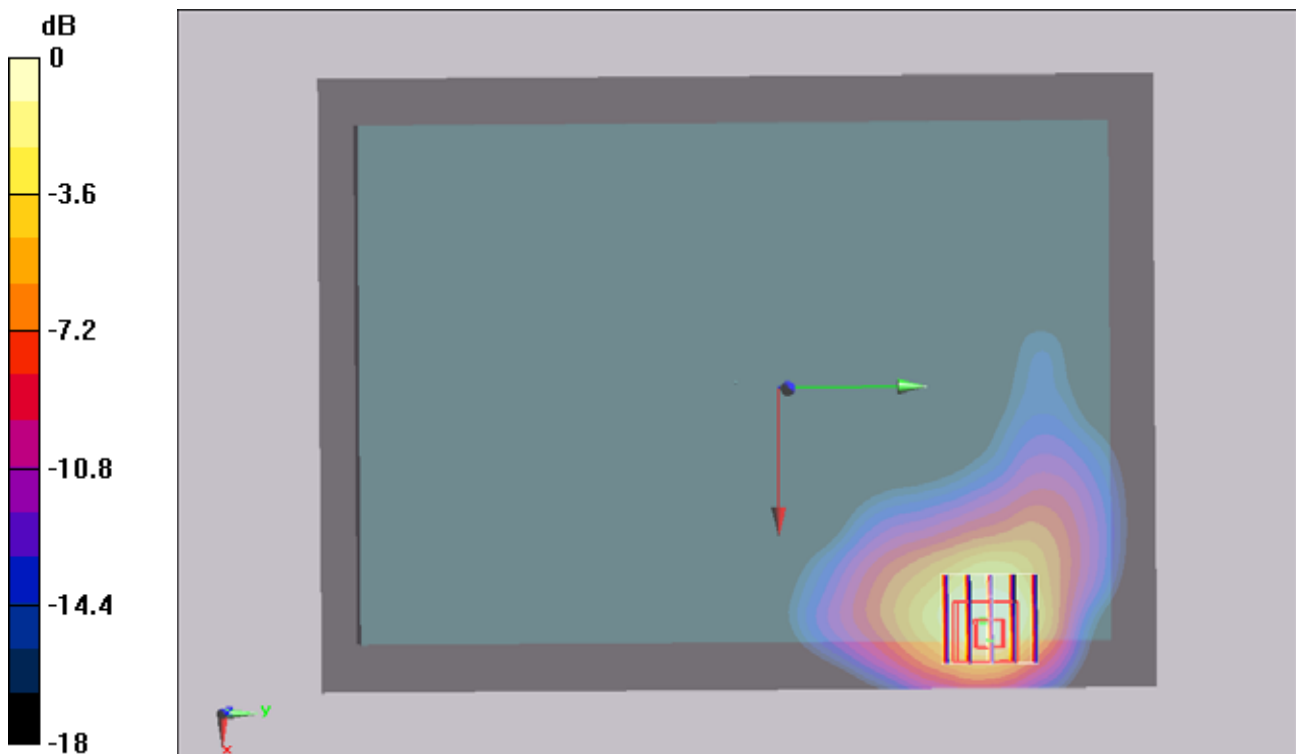Maximum value of SAR (interpolated) = 1.37 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.101 dB
Peak SAR (extrapolated) = 1.76 W/kg
SAR(1 g) = 0.930 mW/g; SAR(10 g) = 0.464 mW/g
Maximum value of SAR (measured) = 1.05 mW/g

0 dB = 1.05mW/g

#08 WCDMA II_RMC12.2K_Secondary Landscape_0cm_Ch9400_Ant1_Earphone

DUT: 171811

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110824 Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε_r = 55.1; ρ = 1000 kg/m^3
Ambient Temperature 22.6 ; Liquid Temperature 21.6

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9400/Area Scan (151x31x1): Measurement grid: dx=20mm, dy=20mm
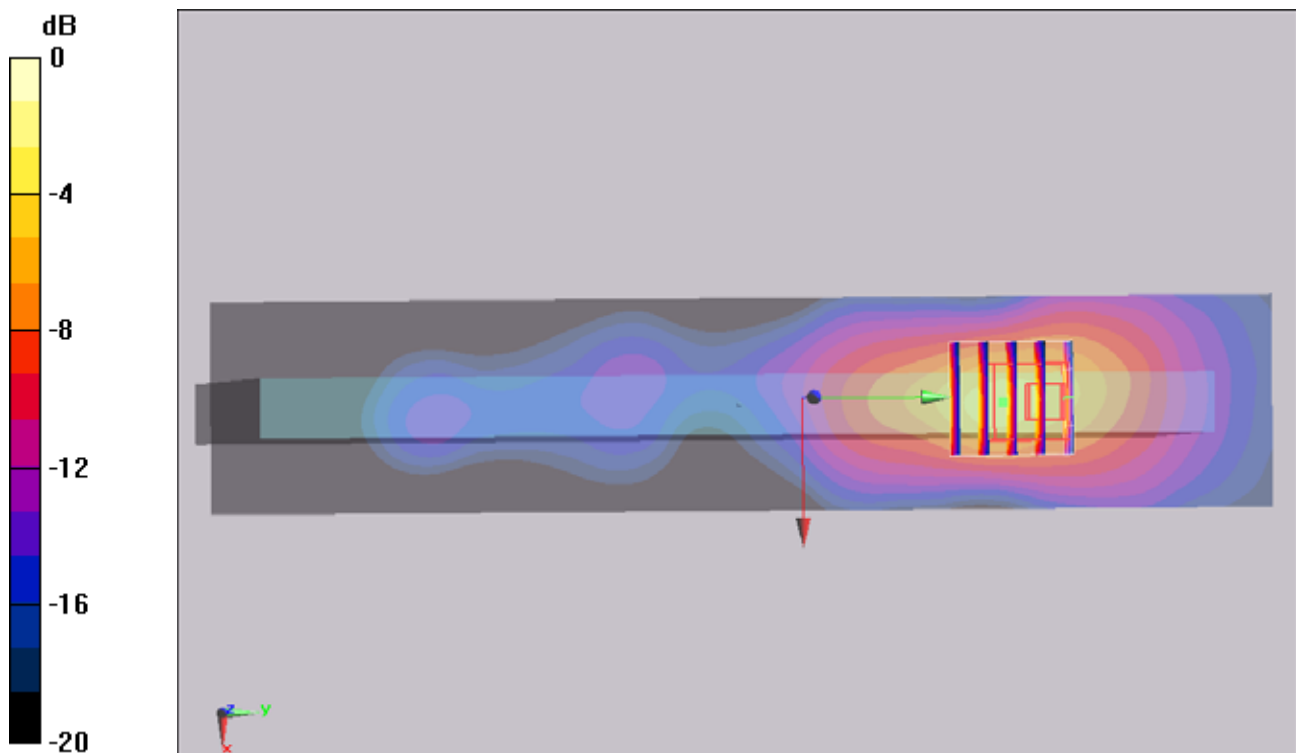Maximum value of SAR (interpolated) = 0.680 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.64 V/m; Power Drift = 0.088 dB
Peak SAR (extrapolated) = 2.31 W/kg
SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.535 mW/g
Maximum value of SAR (measured) = 1.41 mW/g

0 dB = 1.41mW/g

#08 WCDMA II_RMC12.2K_Secondary Landscape_0cm_Ch9400_Ant1_Earphone_2D

DUT: 171811

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110824 Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε$_r$ = 55.1; ρ = 1000 kg/m^3
Ambient Temperature   22.6   ; Liquid Temperature   21.6

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9400/Area Scan (151x31x1): Measurement grid: dx=20mm, dy=20mm
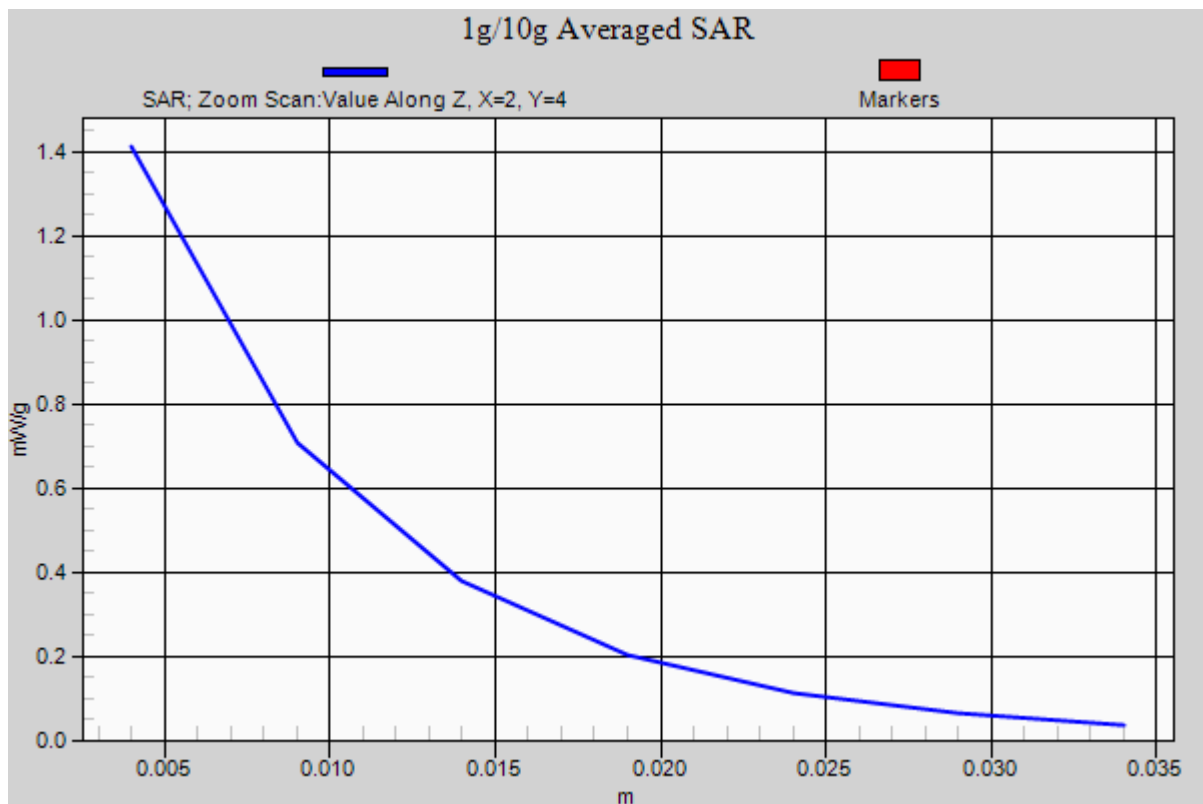Maximum value of SAR (interpolated) = 0.680 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.64 V/m; Power Drift = 0.088 dB
Peak SAR (extrapolated) = 2.31 W/kg
SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.535 mW/g
Maximum value of SAR (measured) = 1.41 mW/g

#29 WCDMA II_RMC12.2K_Secondary Landscape_0cm_Ch9400_Ant2_Earphone

DUT: 171811

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110831 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9400/Area Scan (151x31x1): Measurement grid: dx=20mm, dy=20mm
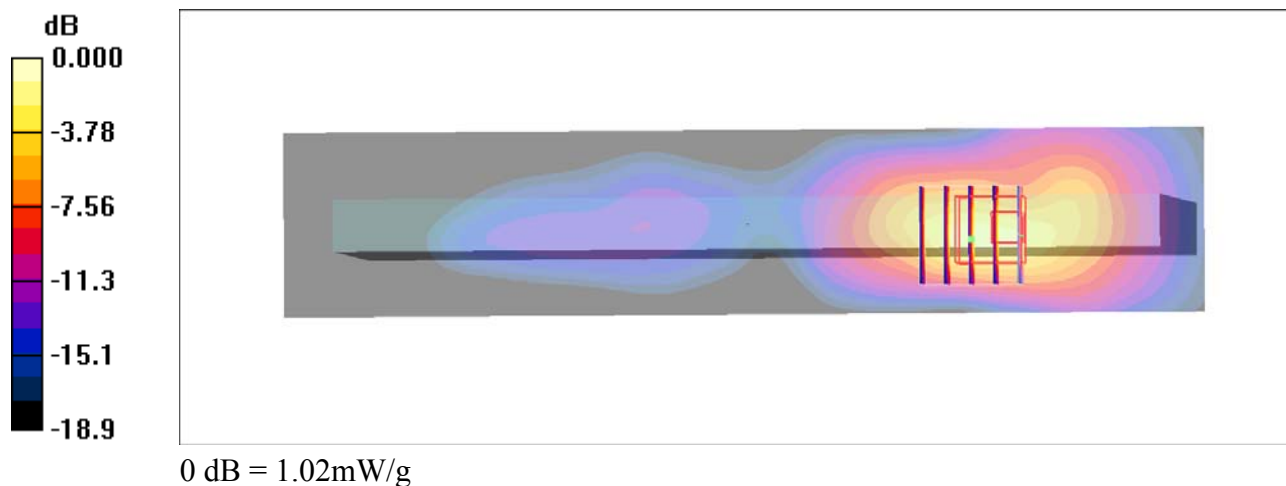Maximum value of SAR (interpolated) = 0.692 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.47 V/m; Power Drift = -0.071 dB
Peak SAR (extrapolated) = 1.97 W/kg
SAR(1 g) = 0.939 mW/g; SAR(10 g) = 0.440 mW/g
 Maximum value of SAR (measured) = 1.02 mW/g

0 dB = 1.02mW/g

#29 WCDMA II_RMC12.2K_Secondary Landscape_0cm_Ch9400_Ant2_Earphone_2D

DUT: 171811

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110831 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 52.6;

ρ = 1000 kg/m^3
Ambient Temperature：22.3℃；Liquid Temperature：21.3

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9400/Area Scan (151x31x1): Measurement grid: dx=20mm, dy=20mm
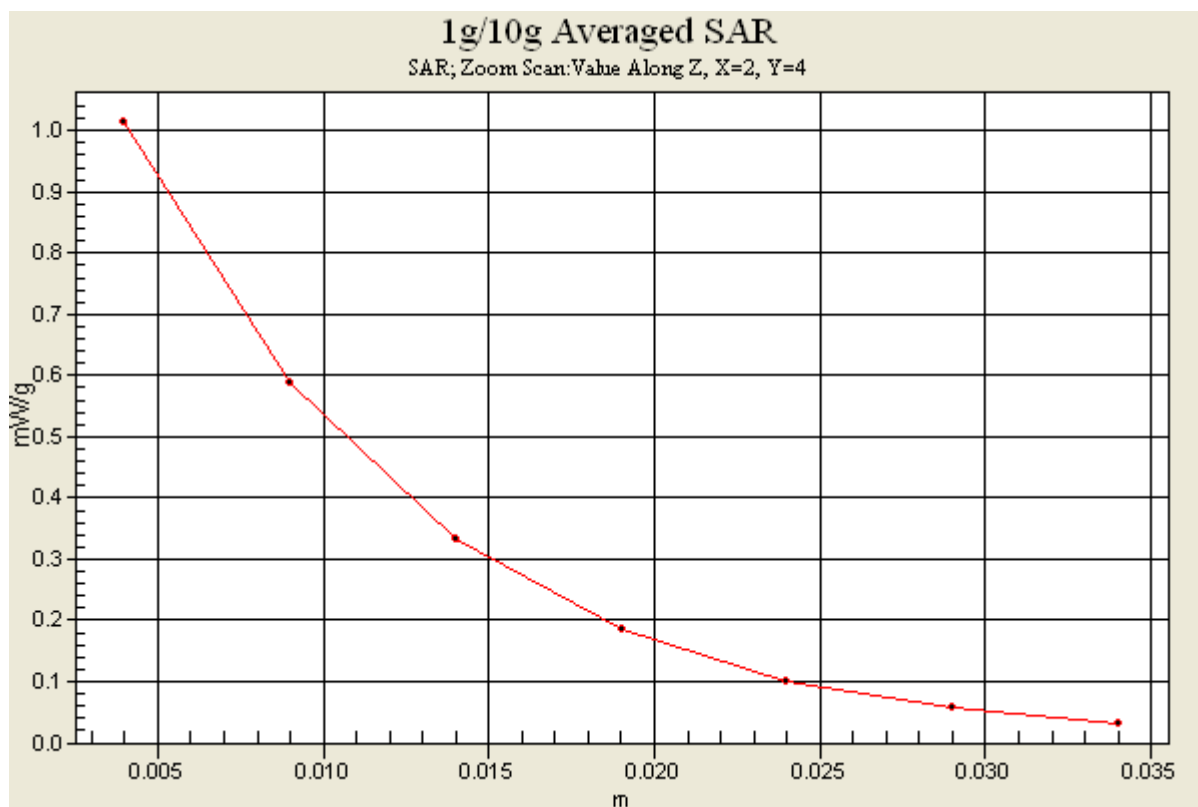Maximum value of SAR (interpolated) = 0.692 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.47 V/m; Power Drift = -0.071 dB
Peak SAR (extrapolated) = 1.97 W/kg
SAR(1 g) = 0.939 mW/g; SAR(10 g) = 0.440 mW/g
Maximum value of SAR (measured) = 1.02 mW/g

1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=4

#09 WCDMA II_RMC12.2K_Bottom Face_0cm_Ch9262_Ant1_Earphone

DUT: 171811

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110824 Medium parameters used : f = 1852.4 MHz; σ = 1.46 mho/m; ε_r = 55.2; ρ = 1000 kg/m^3
Ambient Temperature 22.6 ; Liquid Temperature 21.6

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9262/Area Scan (151x41x1): Measurement grid: dx=20mm, dy=20mm
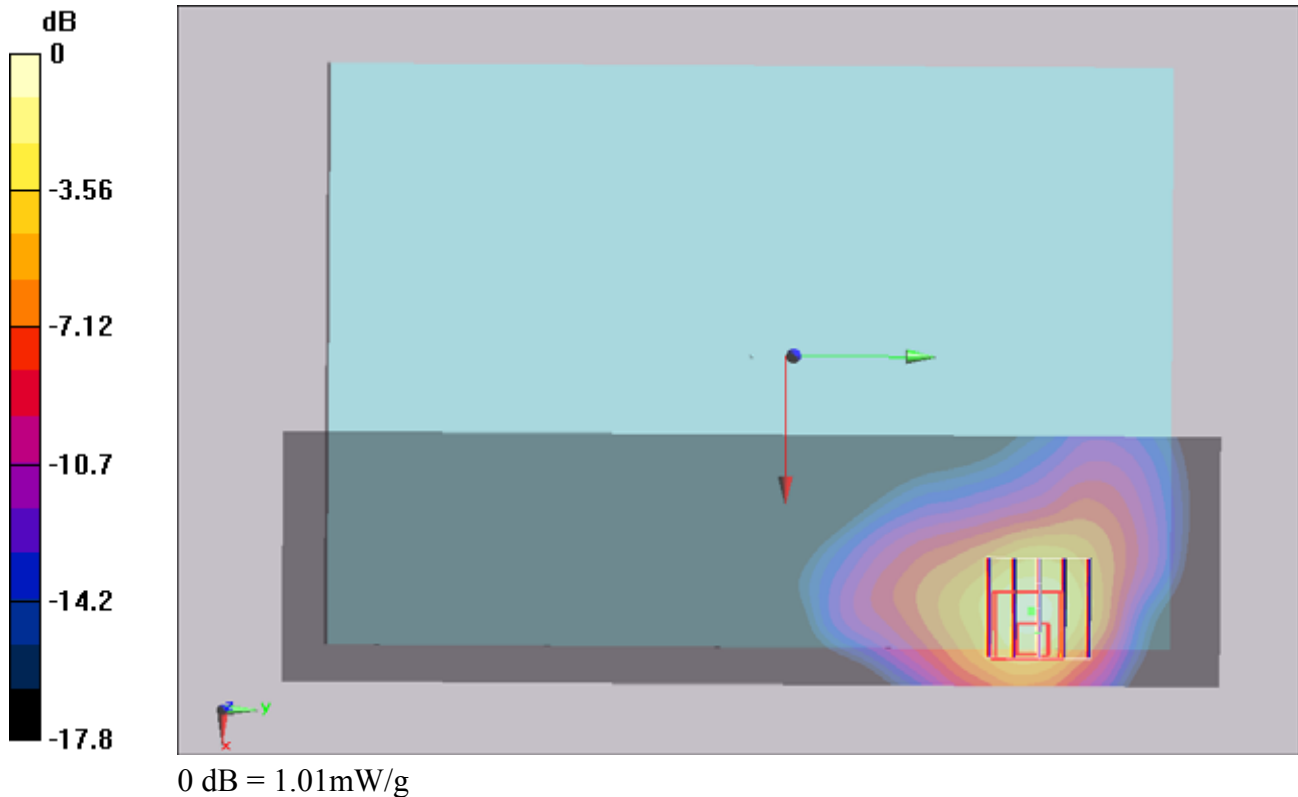Maximum value of SAR (interpolated) = 0.883 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.150 V/m; Power Drift = 0.114 dB
Peak SAR (extrapolated) = 1.63 W/kg
SAR(1 g) = 0.873 mW/g; SAR(10 g) = 0.431 mW/g
Maximum value of SAR (measured) = 1.01 mW/g

0 dB = 1.01mW/g

#10 WCDMA II_RMC12.2K_Bottom Face_0cm_Ch9538_Ant1_Earphone

DUT: 171811

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110824 Medium parameters used: f = 1908 MHz; σ = 1.52 mho/m; ε_r = 55; ρ = 1000 kg/m^3
Ambient Temperature 22.6 ; Liquid Temperature 21.6

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9538/Area Scan (151x41x1): Measurement grid: dx=20mm, dy=20mm
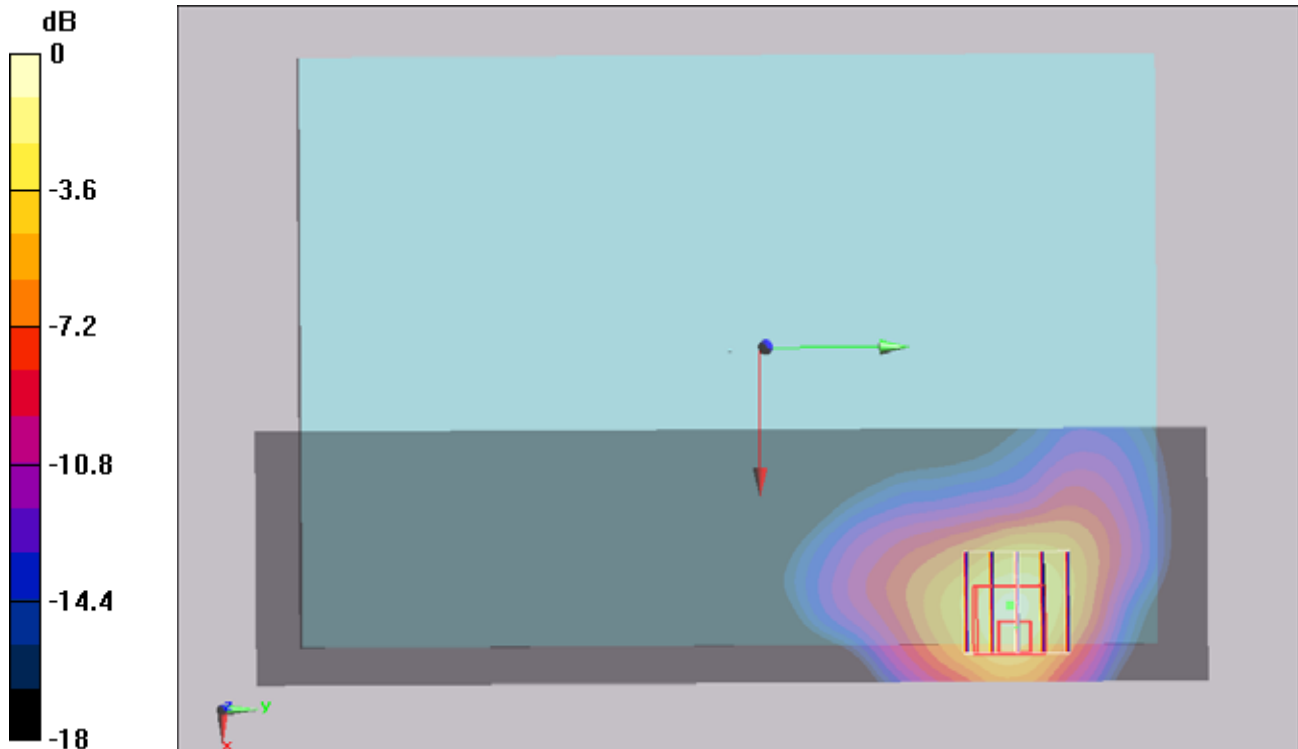Maximum value of SAR (interpolated) = 0.817 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.419 V/m; Power Drift = 0.092 dB
Peak SAR (extrapolated) = 1.76 W/kg
SAR(1 g) = 0.900 mW/g; SAR(10 g) = 0.428 mW/g
Maximum value of SAR (measured) = 0.990 mW/g

0 dB = 0.990mW/g

#11 WCDMA II_RMC12.2K_Secondary Landscape _0cm_Ch9262_Ant1_Earphone

DUT: 171811

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110824 Medium parameters used : f = 1852.4 MHz; σ = 1.46 mho/m; ε_r = 55.2; ρ = 1000 kg/m^3
Ambient Temperature 22.6 ; Liquid Temperature 21.6

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9262/Area Scan (71x31x1): Measurement grid: dx=20mm, dy=20mm
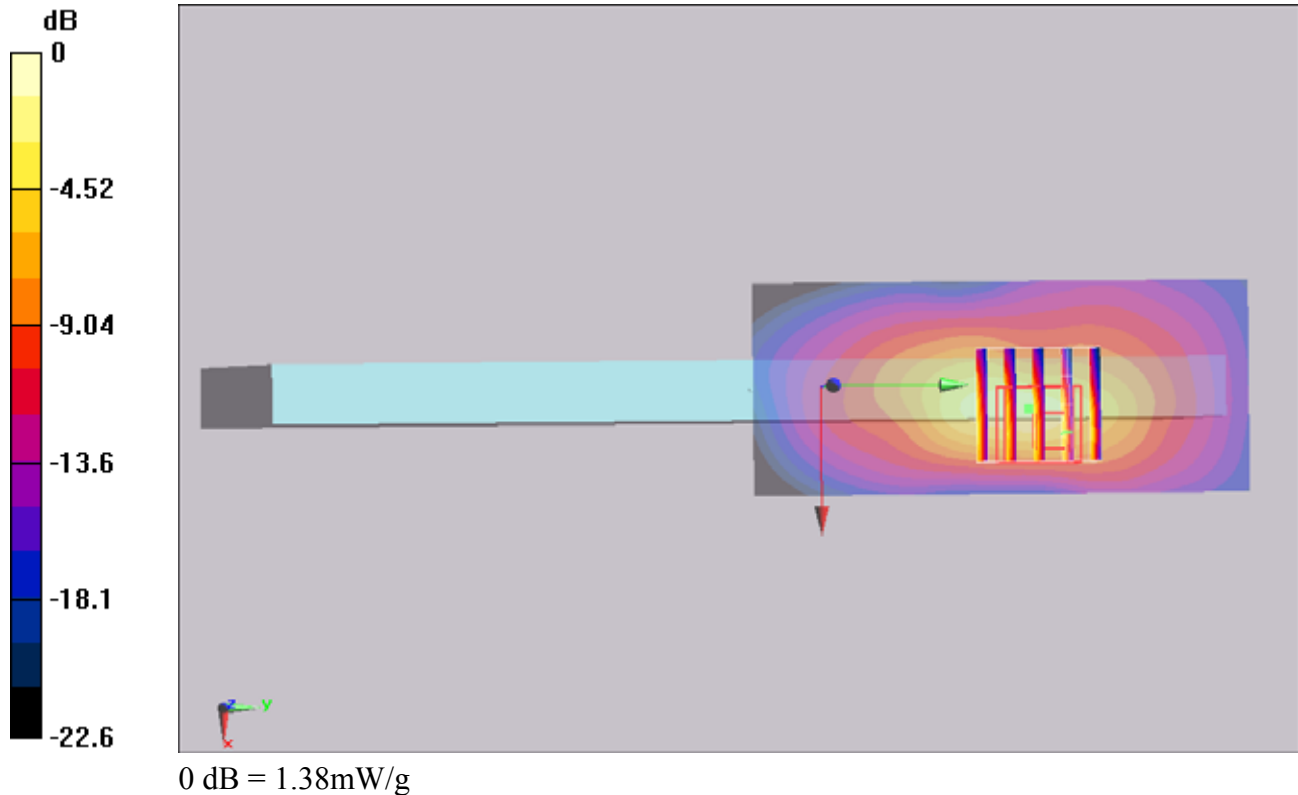Maximum value of SAR (interpolated) = 0.967 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.36 V/m; Power Drift = 0.104 dB
Peak SAR (extrapolated) = 2.19 W/kg
SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.551 mW/g
Maximum value of SAR (measured) = 1.38 mW/g

0 dB = 1.38mW/g

#30 WCDMA II_RMC12.2K_Secondary Landscape_0cm_Ch9262_Ant2_Earphone

DUT: 171811

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110831 Medium parameters used : f = 1852.4 MHz; σ = 1.5 mho/m; $ε_r$ = 52.7;

ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9262/Area Scan (151x31x1): Measurement grid: dx=20mm, dy=20mm
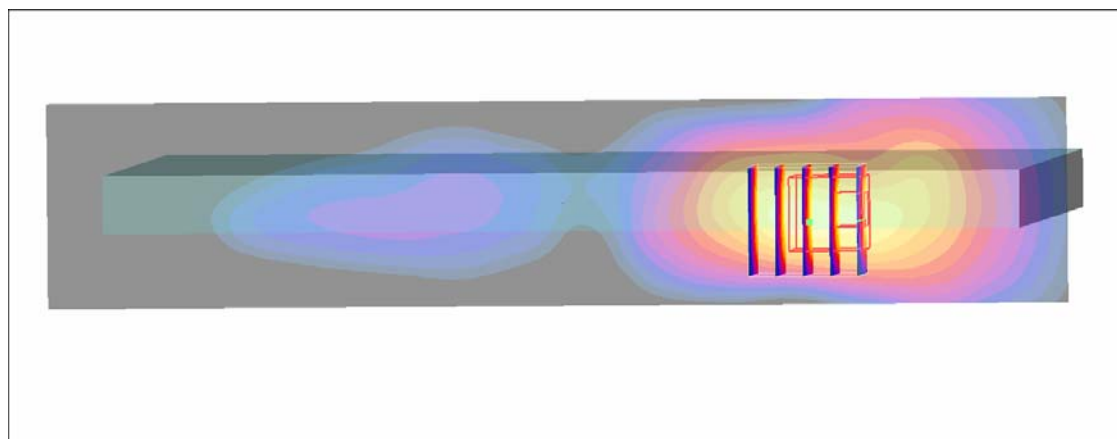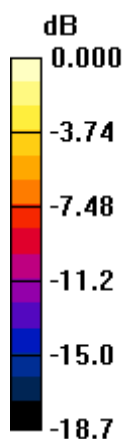Maximum value of SAR (interpolated) = 0.706 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.87 V/m; Power Drift = 0.045 dB
Peak SAR (extrapolated) = 1.87 W/kg
SAR(1 g) = 0.924 mW/g; SAR(10 g) = 0.442 mW/g
Maximum value of SAR (measured) = 0.967 mW/g

0 dB = 0.967mW/g

#12 WCDMA II_RMC12.2K_Secondary Landscape_0cm_Ch9538_Ant1_Earphone

DUT: 171811

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110824 Medium parameters used: f = 1908 MHz; σ = 1.52 mho/m; $ε_r$ = 55; ρ = 1000

kg/m^3
Ambient Temperature 22.6 ; Liquid Temperature 21.6

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9538/Area Scan (71x31x1): Measurement grid: dx=20mm, dy=20mm
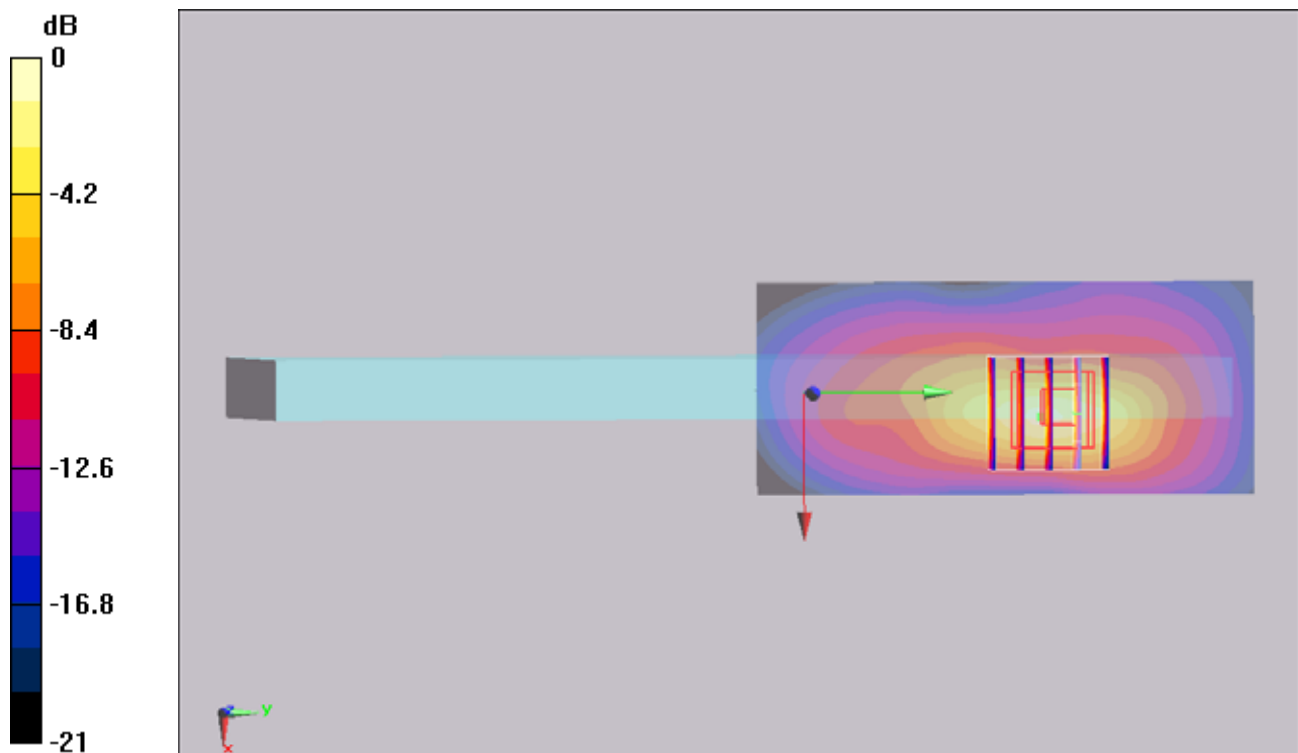Maximum value of SAR (interpolated) = 1.08 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.37 V/m; Power Drift = 0.113 dB
Peak SAR (extrapolated) = 2.37 W/kg
SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.540 mW/g
Maximum value of SAR (measured) = 1.36 mW/g

0 dB = 1.36mW/g

#31 WCDMA II_RMC12.2K_Secondary Landscape_0cm_Ch9538_Ant2_Earphone

DUT: 171811

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110831 Medium parameters used: f = 1908 MHz; σ = 1.54 mho/m; ε_r = 52.4; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9538/Area Scan (151x31x1): Measurement grid: dx=20mm, dy=20mm
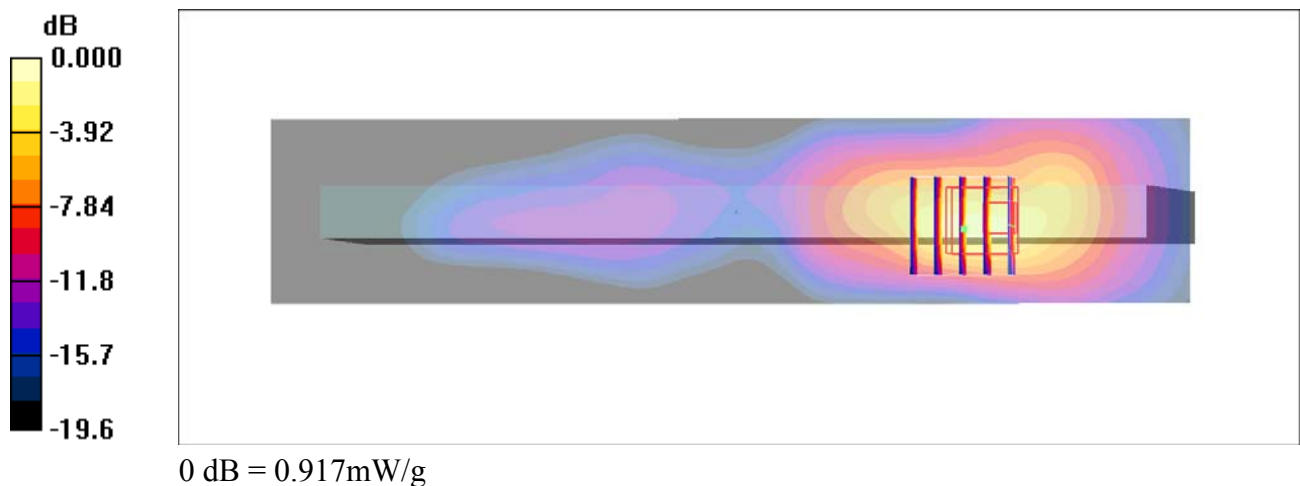Maximum value of SAR (interpolated) = 0.601 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.38 V/m; Power Drift = -0.009 dB
Peak SAR (extrapolated) = 1.92 W/kg
SAR(1 g) = 0.885 mW/g; SAR(10 g) = 0.402 mW/g
Maximum value of SAR (measured) = 0.917 mW/g

0 dB = 0.917mW/g

#17 WCDMA II_RMC12.2K_Primary Portrait_0cm_Ch9400_Ant1_Earphone

DUT: 171811

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110825 Medium parameters used: f = 1880 MHz; σ = 1.48 mho/m; ε_r = 53.7; ρ

= 1000 kg/m^3
Ambient Temperature：22.6 ℃；Liquid Temperature：21.6 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9400/Area Scan (121x31x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.367 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.0 V/m; Power Drift = -0.057 dB
Peak SAR (extrapolated) = 0.530 W/kg
SAR(1 g) = 0.332 mW/g; SAR(10 g) = 0.193 mW/g
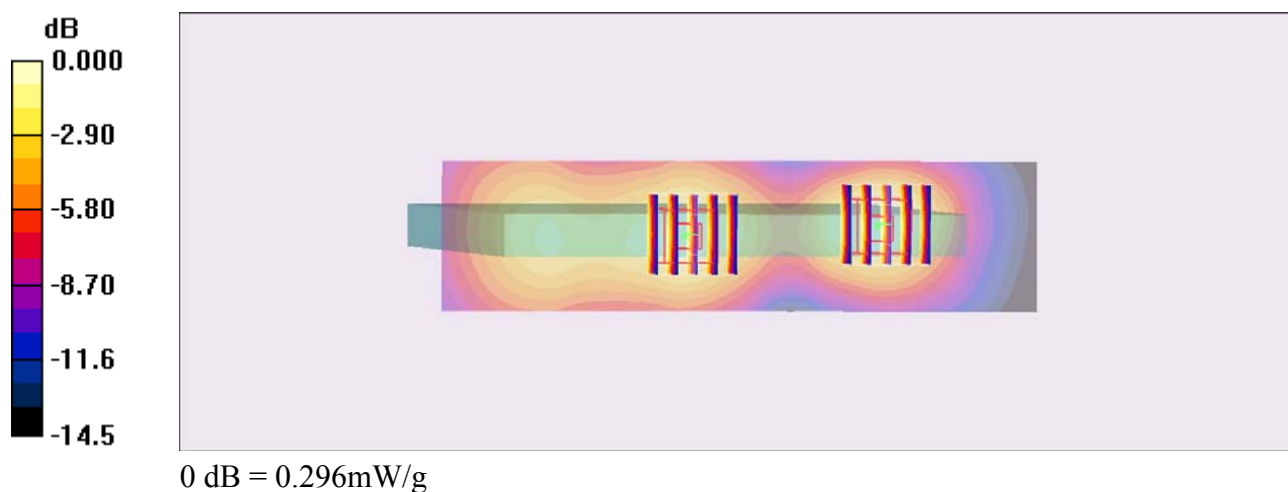Maximum value of SAR (measured) = 0.361 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.0 V/m; Power Drift = -0.057 dB
Peak SAR (extrapolated) = 0.419 W/kg
SAR(1 g) = 0.272 mW/g; SAR(10 g) = 0.168 mW/g
Maximum value of SAR (measured) = 0.296 mW/g

0 dB = 0.296mW/g

#23 GSM850_GPRS10_Bottom Face _1.2cm_Ch251_Ant1_Earphone

DUT: 171811

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:4
Medium: MSL_850_110826 Medium parameters used: f = 849 MHz; σ = 0.99 mho/m; ε_r = 52.8; ρ =

1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.35, 6.35, 6.35); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (151x111x1): Measurement grid: dx=20mm, dy=20mm
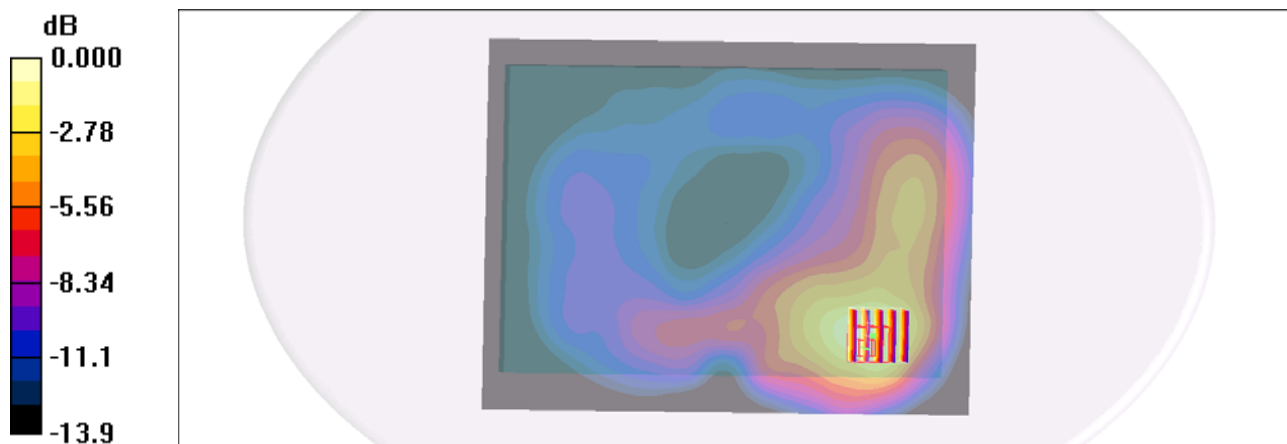Maximum value of SAR (interpolated) = 0.224 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.03 V/m; Power Drift = -0.038 dB
Peak SAR (extrapolated) = 0.341 W/kg
SAR(1 g) = 0.232 mW/g; SAR(10 g) = 0.149 mW/g
Maximum value of SAR (measured) = 0.253 mW/g

0 dB = 0.253mW/g

#23 GSM850_GPRS10_Bottom Face _1.2cm_Ch251_Ant1_Earphone_2D

DUT: 171811

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:4
Medium: MSL_850_110826 Medium parameters used: f = 849 MHz; σ = 0.99 mho/m; ε_r = 52.8; ρ =

1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.35, 6.35, 6.35); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (151x111x1): Measurement grid: dx=20mm, dy=20mm
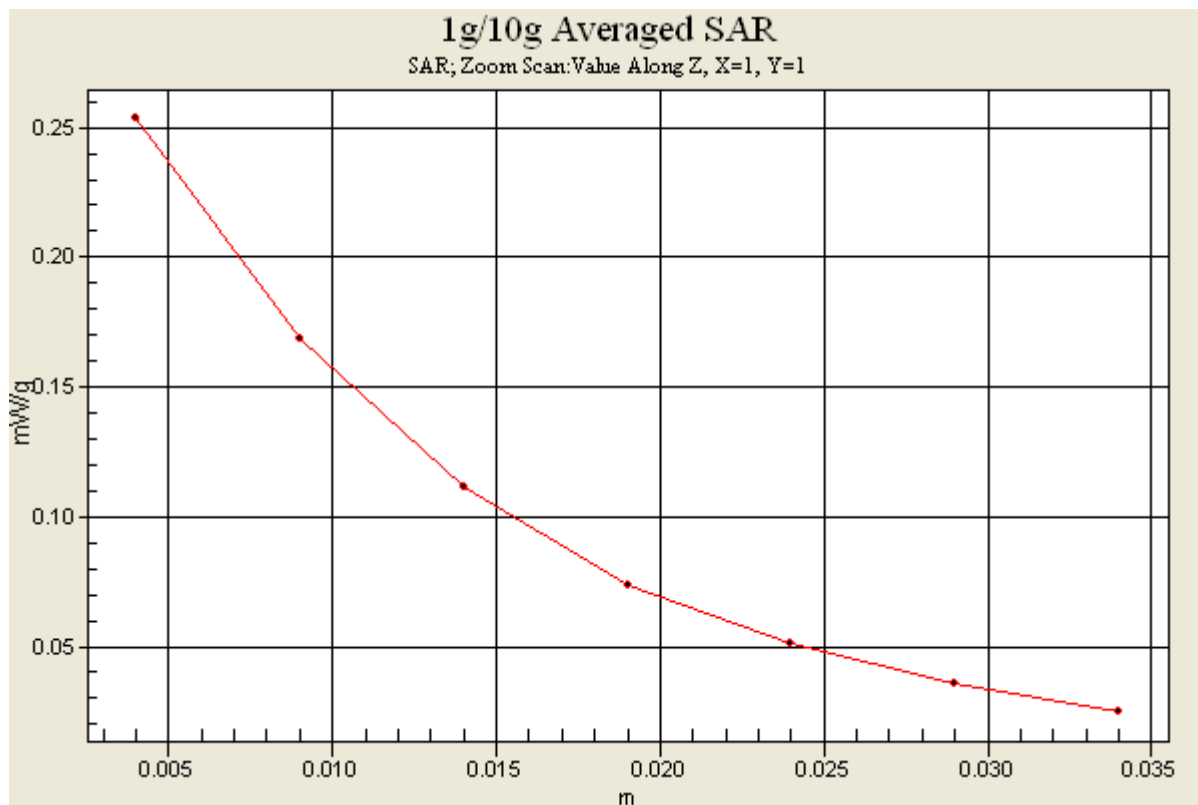Maximum value of SAR (interpolated) = 0.224 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.03 V/m; Power Drift = -0.038 dB
Peak SAR (extrapolated) = 0.341 W/kg
SAR(1 g) = 0.232 mW/g; SAR(10 g) = 0.149 mW/g
Maximum value of SAR (measured) = 0.253 mW/g

#42 GSM850_GPRS10_Bottom Face_1.2cm_Ch251_Ant2_Earphone

DUT: 171811

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:4
Medium: MSL_850_110905 Medium parameters used: f = 849 MHz; σ = 0.976 mho/m; ε_r = 54.4; ρ = 1000

kg/m^3
Ambient Temperature 22.5 ; Liquid Temperature 21.5

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch251/Area Scan (151x111x1): Measurement grid: dx=20mm, dy=20mm
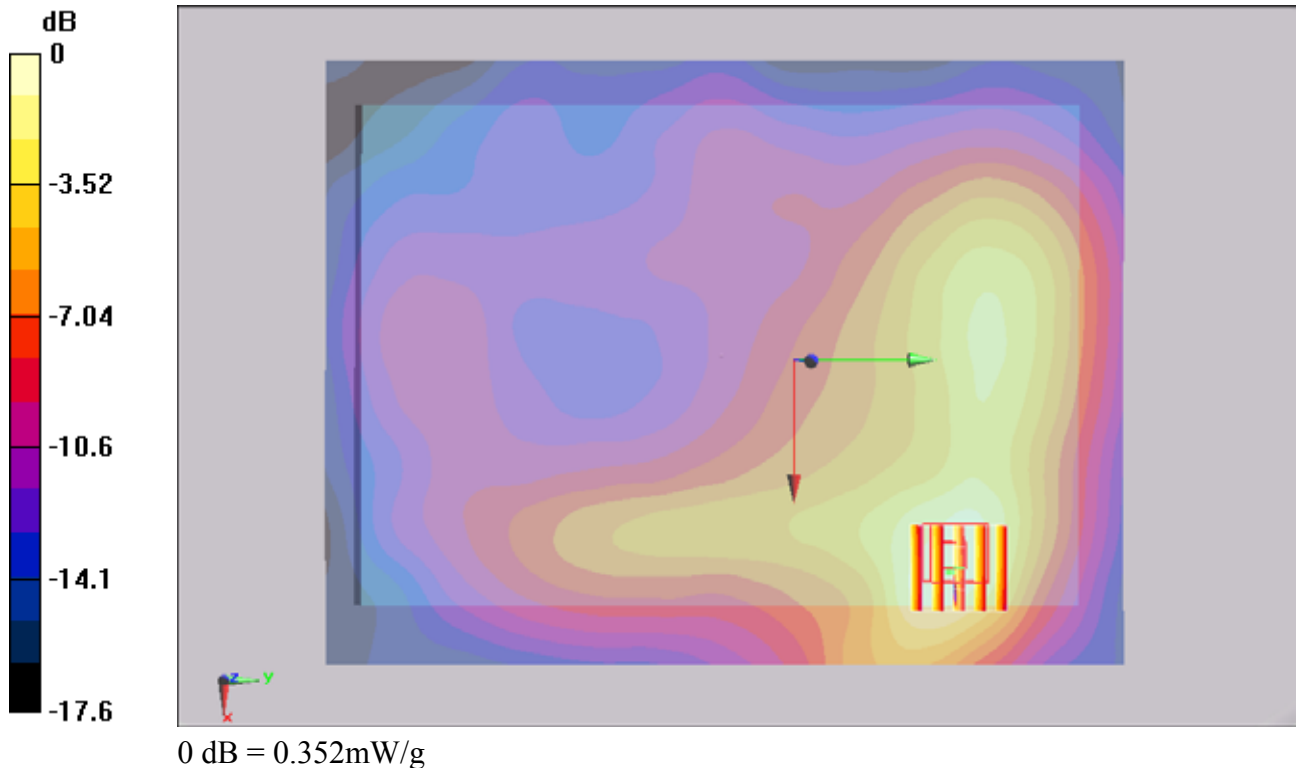Maximum value of SAR (interpolated) = 0.348 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.51 V/m; Power Drift = -0.125 dB
Peak SAR (extrapolated) = 0.858 W/kg
SAR(1 g) = 0.346 mW/g; SAR(10 g) = 0.211 mW/g
Maximum value of SAR (measured) = 0.352 mW/g

0 dB = 0.352mW/g

#42 GSM850_GPRS10_Bottom Face_1.2cm_Ch251_Ant2_Earphone_2D

DUT: 171811

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:4
Medium: MSL_850_110905 Medium parameters used: f = 849 MHz; σ = 0.976 mho/m; ε_r = 54.4; ρ = 1000
kg/m^3
Ambient Temperature 22.5 ; Liquid Temperature 21.5

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch251/Area Scan (151x111x1): Measurement grid: dx=20mm, dy=20mm
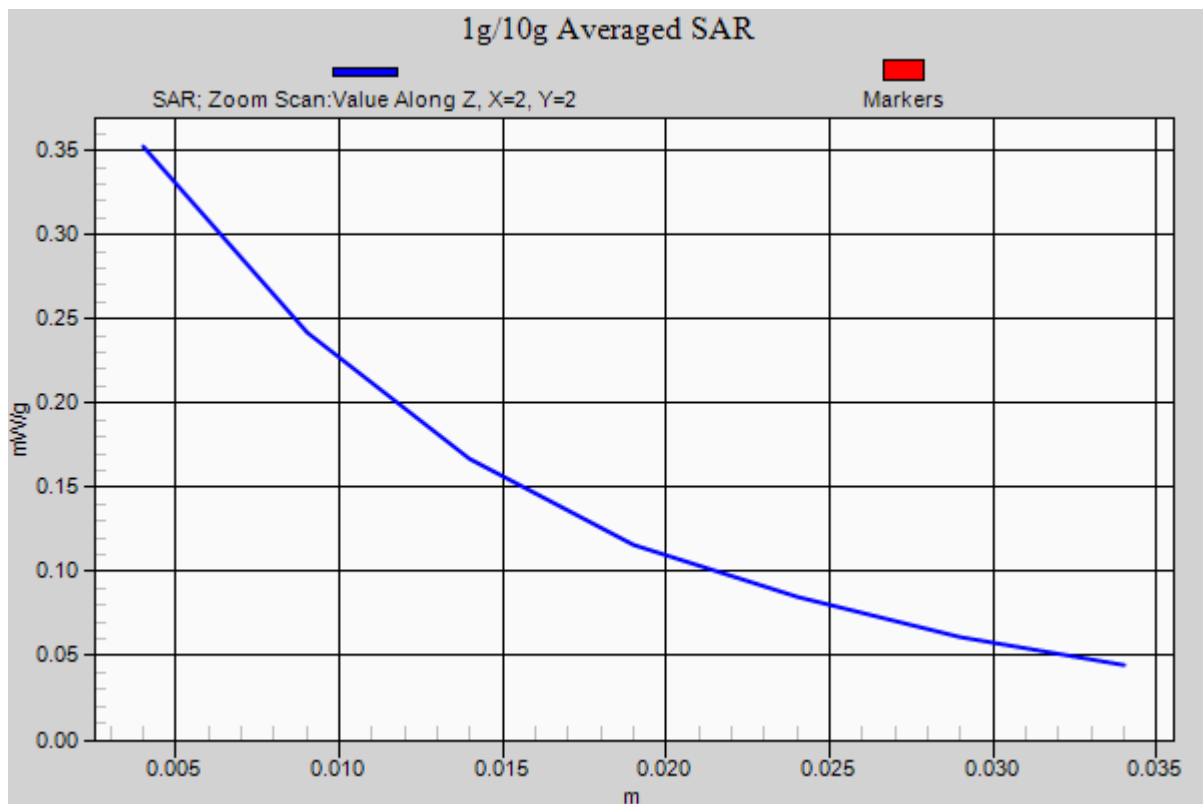Maximum value of SAR (interpolated) = 0.348 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.51 V/m; Power Drift = -0.125 dB
Peak SAR (extrapolated) = 0.858 W/kg
SAR(1 g) = 0.346 mW/g; SAR(10 g) = 0.211 mW/g
Maximum value of SAR (measured) = 0.352 mW/g

#24 GSM850_GPRS10_Secondary Landscape_1cm_Ch251_Ant1_Earphone

DUT: 171811

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:4
Medium: MSL_850_110826 Medium parameters used: f = 849 MHz; σ = 0.99 mho/m; ε_r = 52.8; ρ =

1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.35, 6.35, 6.35); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (151x31x1): Measurement grid: dx=20mm, dy=20mm
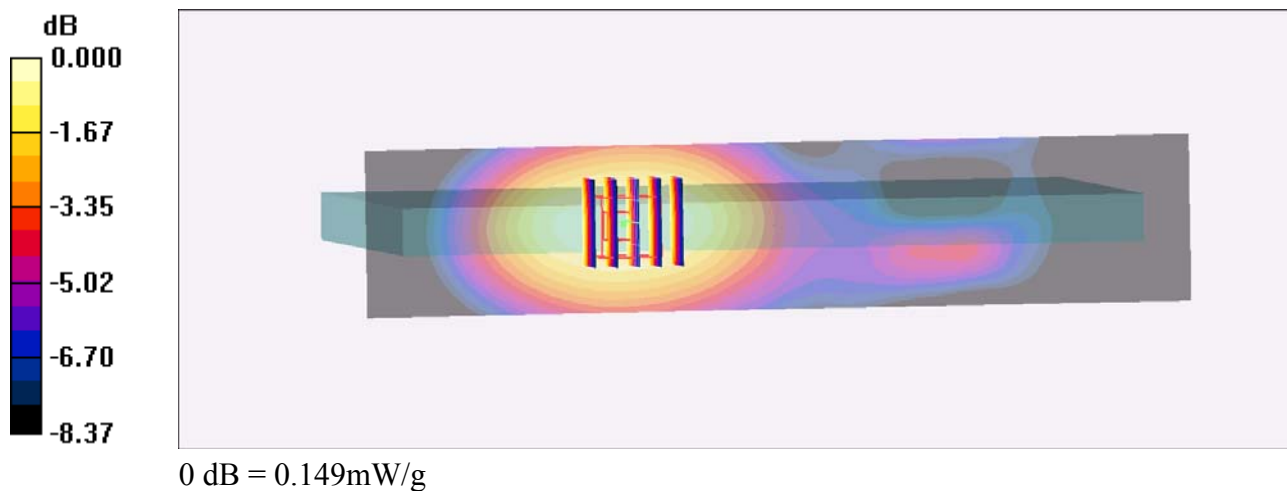Maximum value of SAR (interpolated) = 0.151 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.24 V/m; Power Drift = 0.040 dB
Peak SAR (extrapolated) = 0.180 W/kg
SAR(1 g) = 0.141 mW/g; SAR(10 g) = 0.102 mW/g
Maximum value of SAR (measured) = 0.149 mW/g

0 dB = 0.149mW/g

#20 GSM1900_GPRS10_Bottom Face _1.2cm_Ch661_Ant1_Earphone

DUT: 171811

Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110825 Medium parameters used: f = 1880 MHz; σ = 1.48 mho/m; ε_r = 53.7; ρ

= 1000 kg/m^3
Ambient Temperature：22.6 ℃；Liquid Temperature：21.6 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch661/Area Scan (151x111x1): Measurement grid: dx=20mm, dy=20mm
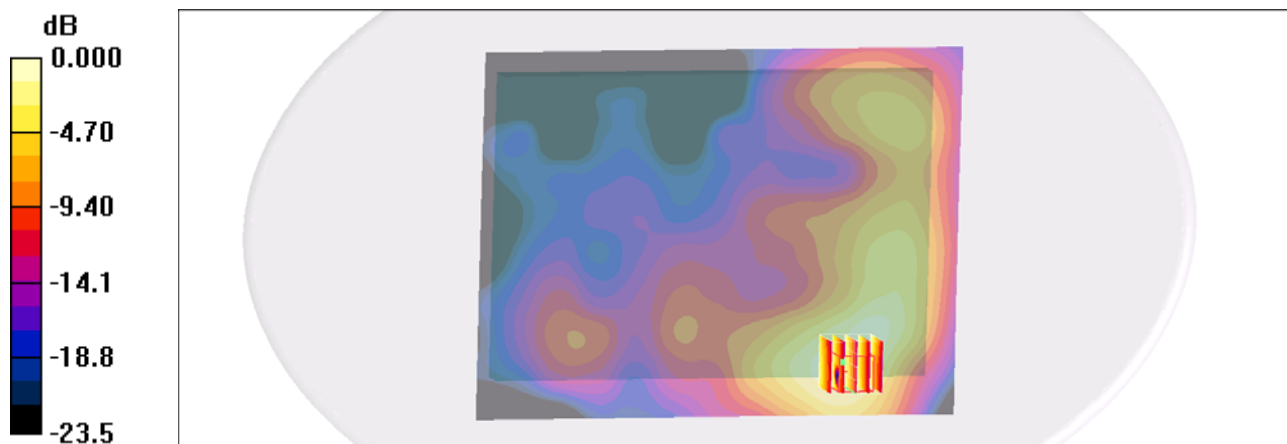Maximum value of SAR (interpolated) = 0.166 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.02 V/m; Power Drift = 0.143 dB
Peak SAR (extrapolated) = 0.241 W/kg
SAR(1 g) = 0.152 mW/g; SAR(10 g) = 0.088 mW/g
Maximum value of SAR (measured) = 0.176 mW/g

0 dB = 0.176mW/g

#21 GSM1900_GPRS10_Secondary Landscape_1cm_Ch661_Ant1_Earphone

DUT: 171811

Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110825 Medium parameters used: f = 1880 MHz; σ = 1.48 mho/m; ε_r = 53.7; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃；Liquid Temperature：21.6 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch661/Area Scan (151x31x1): Measurement grid: dx=20mm, dy=20mm
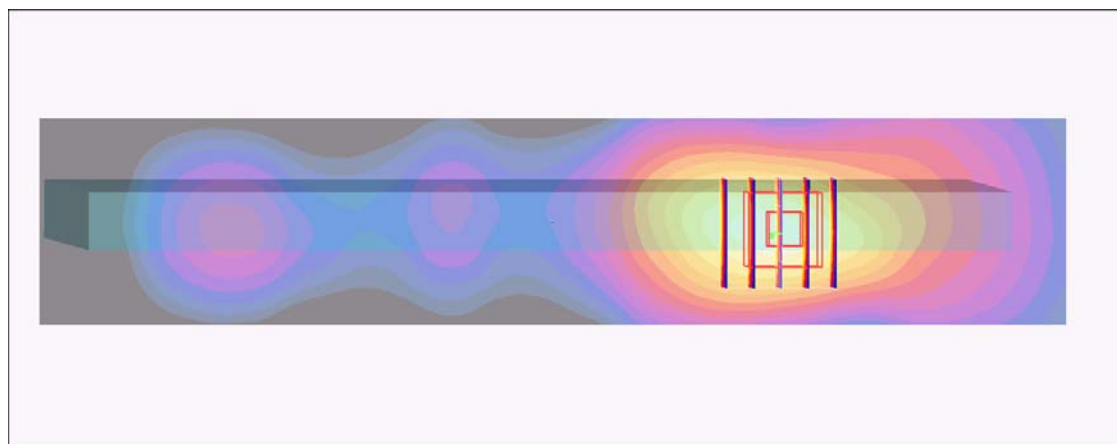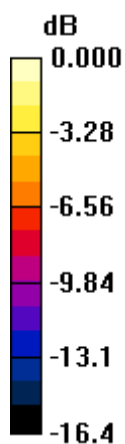Maximum value of SAR (interpolated) = 0.427 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.35 V/m; Power Drift = 0.054 dB
Peak SAR (extrapolated) = 0.691 W/kg
SAR(1 g) = 0.421 mW/g; SAR(10 g) = 0.240 mW/g
Maximum value of SAR (measured) = 0.459 mW/g

0 dB = 0.459mW/g

#21 GSM1900_GPRS10_Secondary Landscape_1cm_Ch661_Ant1_Earphone_2D

DUT: 171811

Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110825 Medium parameters used: f = 1880 MHz; σ = 1.48 mho/m; ε_r = 53.7;

ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃；Liquid Temperature：21.6 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch661/Area Scan (151x31x1): Measurement grid: dx=20mm, dy=20mm
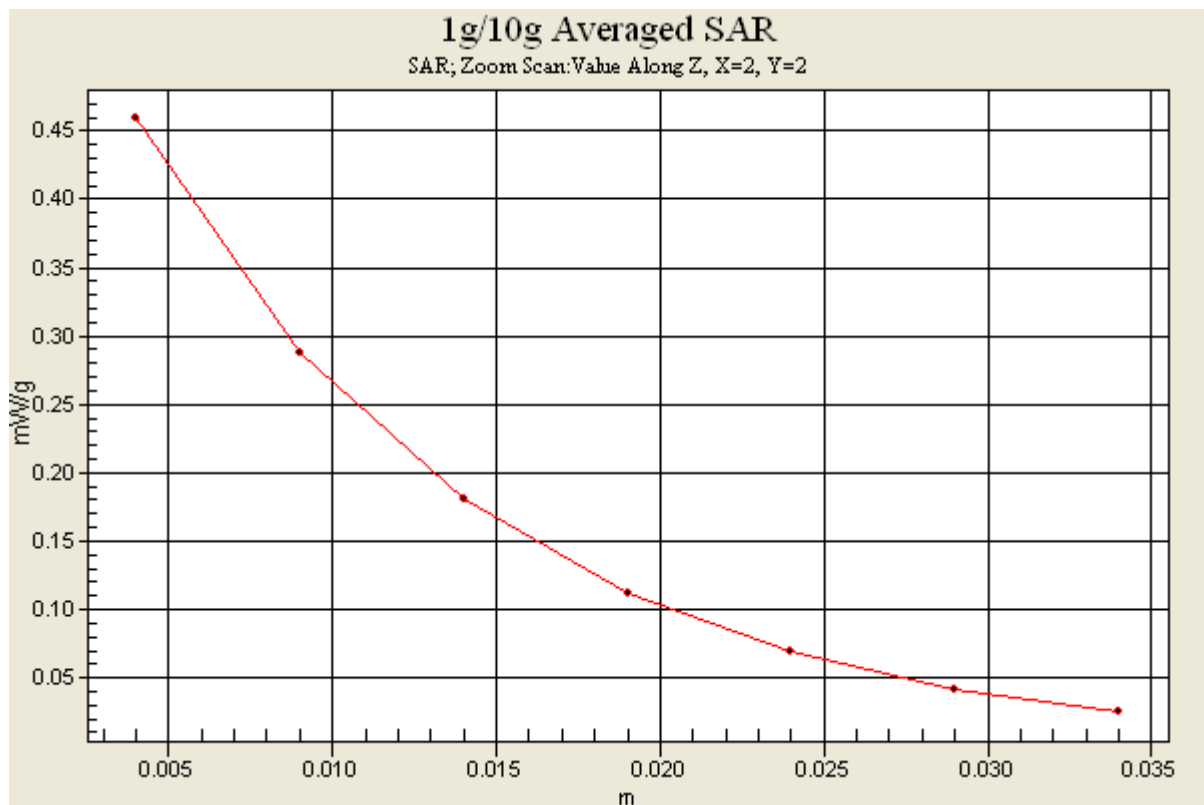Maximum value of SAR (interpolated) = 0.427 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.35 V/m; Power Drift = 0.054 dB
Peak SAR (extrapolated) = 0.691 W/kg
SAR(1 g) = 0.421 mW/g; SAR(10 g) = 0.240 mW/g
Maximum value of SAR (measured) = 0.459 mW/g

#36 GSM1900_GPRS10_Secondary Landscape_1cm_Ch661_Ant2_Earphone

DUT: 171811

Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110905 Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε_r = 55.1; ρ = 1000 kg/m^3
Ambient Temperature 22.3 ; Liquid Temperature 21.3

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch661/Area Scan (151x31x1): Measurement grid: dx=20mm, dy=20mm
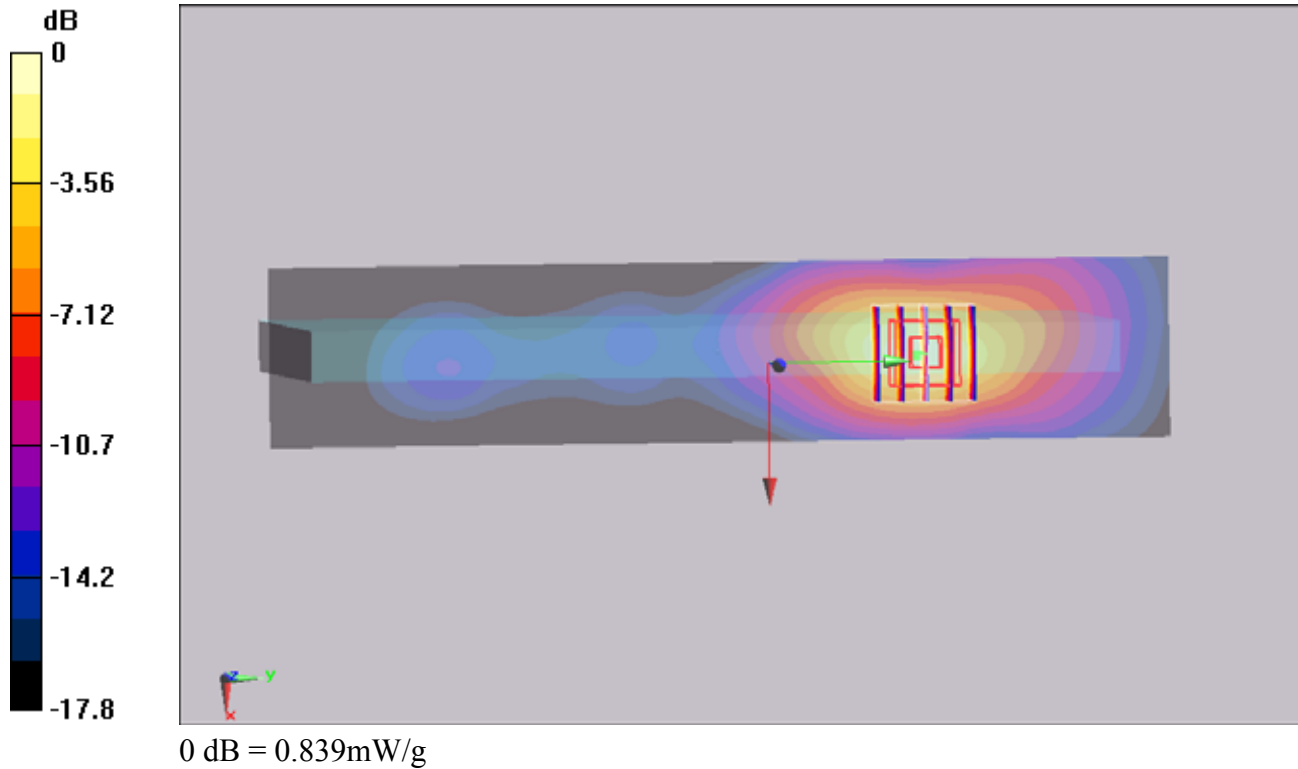Maximum value of SAR (interpolated) = 0.745 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.14 V/m; Power Drift = 0.168 dB
Peak SAR (extrapolated) = 1.3 W/kg
SAR(1 g) = 0.754 mW/g; SAR(10 g) = 0.412 mW/g
Maximum value of SAR (measured) = 0.839 mW/g

0 dB = 0.839mW/g

#36 GSM1900_GPRS10_Secondary Landscape_1cm_Ch661_Ant2_Earphone_2D

DUT: 171811

Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110905 Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε_r = 55.1; ρ = 1000 kg/m^3
Ambient Temperature 22.3 ; Liquid Temperature 21.3

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch661/Area Scan (151x31x1): Measurement grid: dx=20mm, dy=20mm
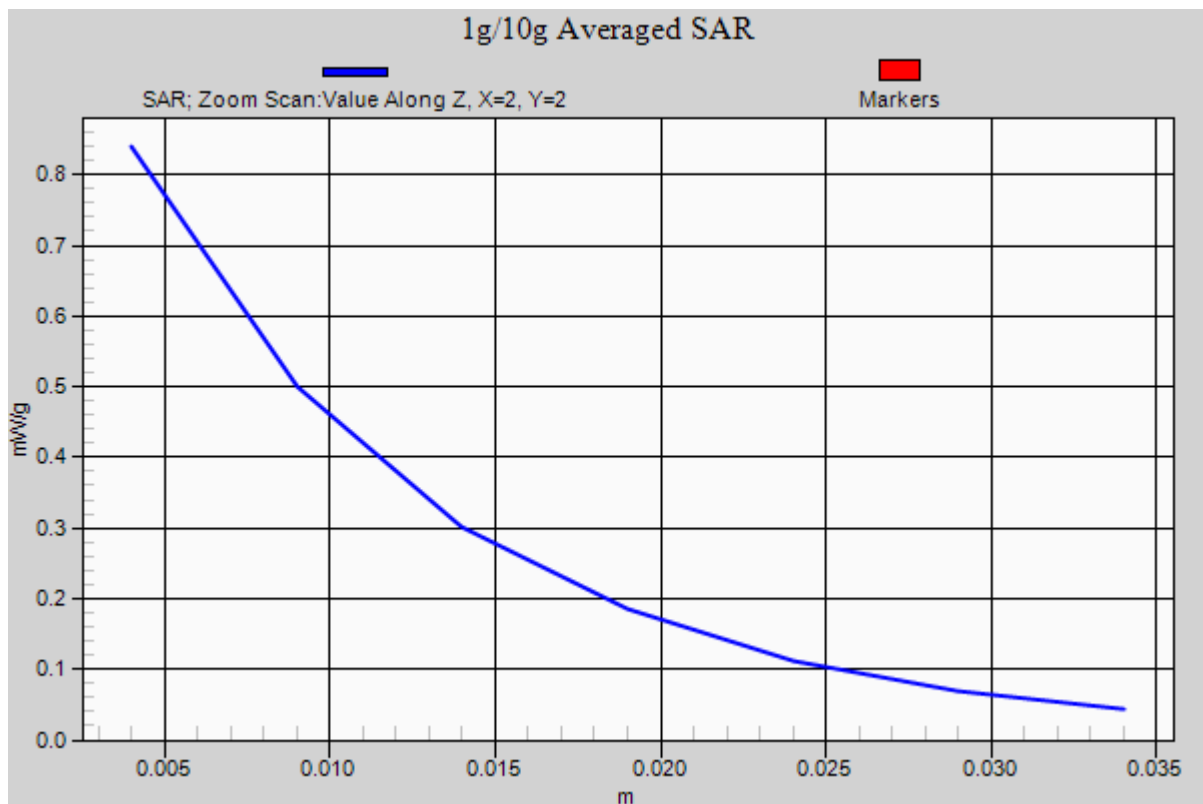Maximum value of SAR (interpolated) = 0.745 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.14 V/m; Power Drift = 0.168 dB
Peak SAR (extrapolated) = 1.3 W/kg
SAR(1 g) = 0.754 mW/g; SAR(10 g) = 0.412 mW/g
Maximum value of SAR (measured) = 0.839 mW/g

#26 WCDMA V_RMC12.2K_Bottom Face _1.2cm_Ch4182_Ant1_Earphone

DUT: 171811

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_110826 Medium parameters used: f = 836.4 MHz; σ = 0.977 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.35, 6.35, 6.35); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Area Scan (151x111x1): Measurement grid: dx=20mm, dy=20mm
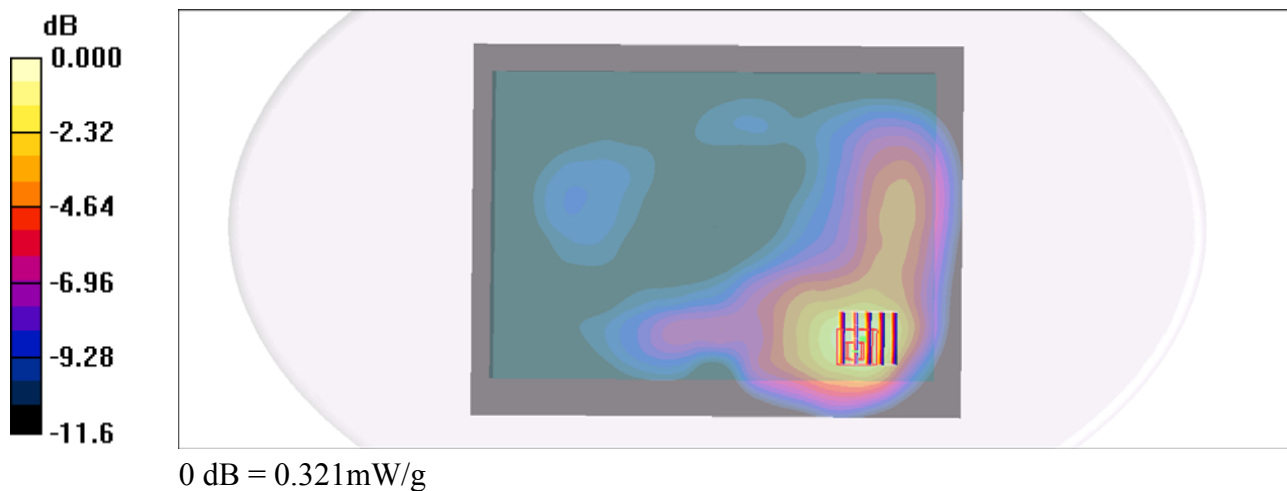Maximum value of SAR (interpolated) = 0.278 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.97 V/m; Power Drift = -0.102 dB
Peak SAR (extrapolated) = 0.427 W/kg
SAR(1 g) = 0.294 mW/g; SAR(10 g) = 0.190 mW/g
Maximum value of SAR (measured) = 0.321 mW/g

0 dB = 0.321mW/g

#26 WCDMA V_RMC12.2K_Bottom Face _1.2cm_Ch4182_Ant1_Earphone_2D

DUT: 171811

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_110826 Medium parameters used: f = 836.4 MHz; σ = 0.977 mho/m; ε_r = 53; ρ

= 1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.35, 6.35, 6.35); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Area Scan (151x111x1): Measurement grid: dx=20mm, dy=20mm
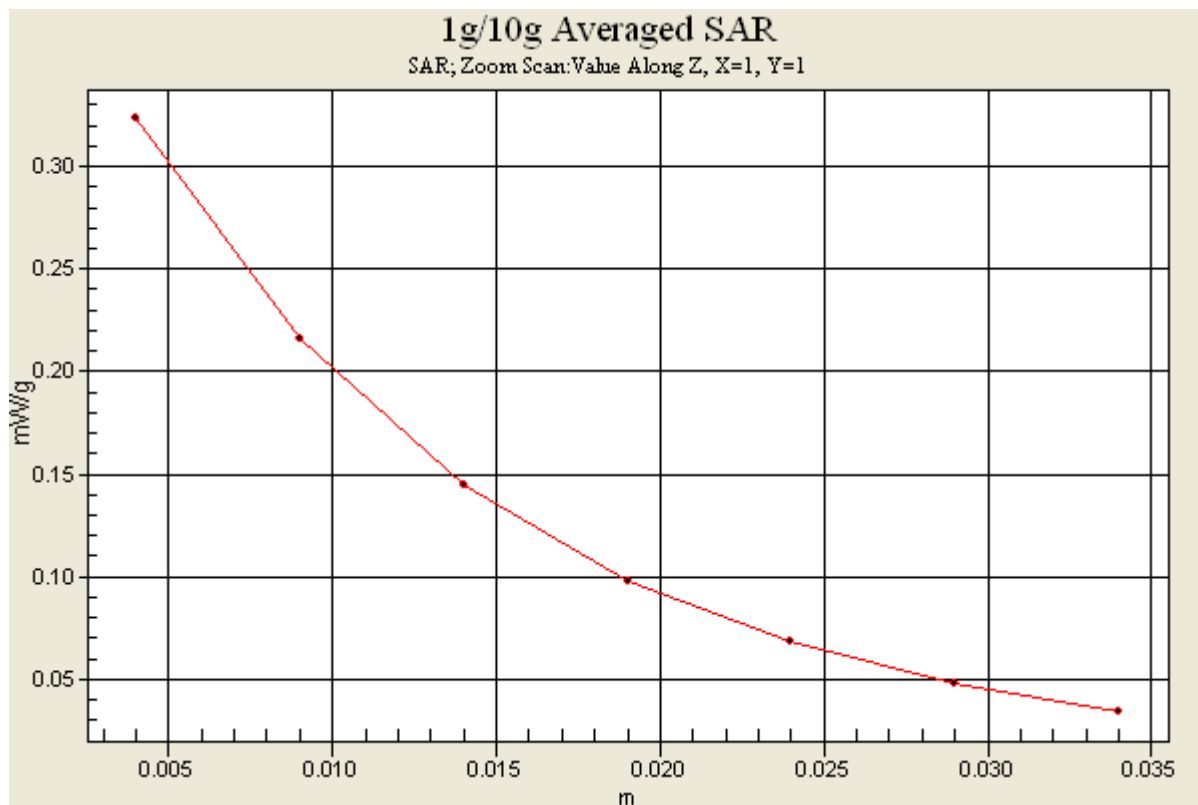Maximum value of SAR (interpolated) = 0.278 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.97 V/m; Power Drift = -0.102 dB
Peak SAR (extrapolated) = 0.427 W/kg
SAR(1 g) = 0.294 mW/g; SAR(10 g) = 0.190 mW/g
Maximum value of SAR (measured) = 0.321 mW/g

#41 WCDMA V_RMC12.2K_Bottom Face_1.2cm_Ch4182_Earphone

DUT: 171811

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_110905 Medium parameters used: f = 836.4 MHz; σ = 0.964 mho/m; ε$_r$ = 54.5; ρ = 1000 kg/m^3
Ambient Temperature 22.5 ; Liquid Temperature 21.5

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch4182/Area Scan (151x111x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.379 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.65 V/m; Power Drift = 0.119 dB
Peak SAR (extrapolated) = 0.541 W/kg
SAR(1 g) = 0.366 mW/g; SAR(10 g) = 0.244 mW/g
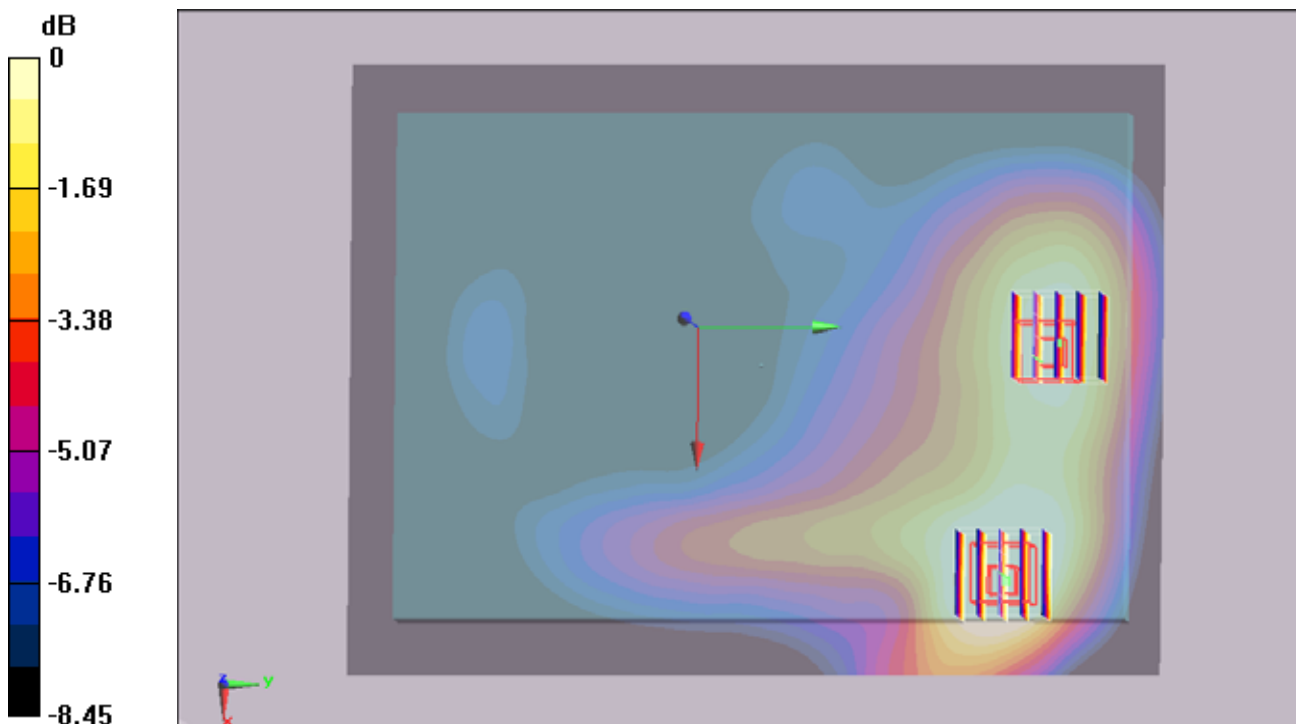Maximum value of SAR (measured) = 0.391 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.65 V/m; Power Drift = 0.119 dB
Peak SAR (extrapolated) = 0.331 W/kg
SAR(1 g) = 0.247 mW/g; SAR(10 g) = 0.181 mW/g
Maximum value of SAR (measured) = 0.257 mW/g

0 dB = 0.257mW/g

#41 WCDMA V_RMC12.2K_Bottom Face_1.2cm_Ch4182_Ant2_Earphone2D

DUT: 171811

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_110905 Medium parameters used: f = 836.4 MHz; σ = 0.964 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Ambient Temperature 22.5 ; Liquid Temperature 21.5

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch4182/Area Scan (151x111x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.379 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.65 V/m; Power Drift = 0.119 dB
Peak SAR (extrapolated) = 0.541 W/kg
SAR(1 g) = 0.366 mW/g; SAR(10 g) = 0.244 mW/g
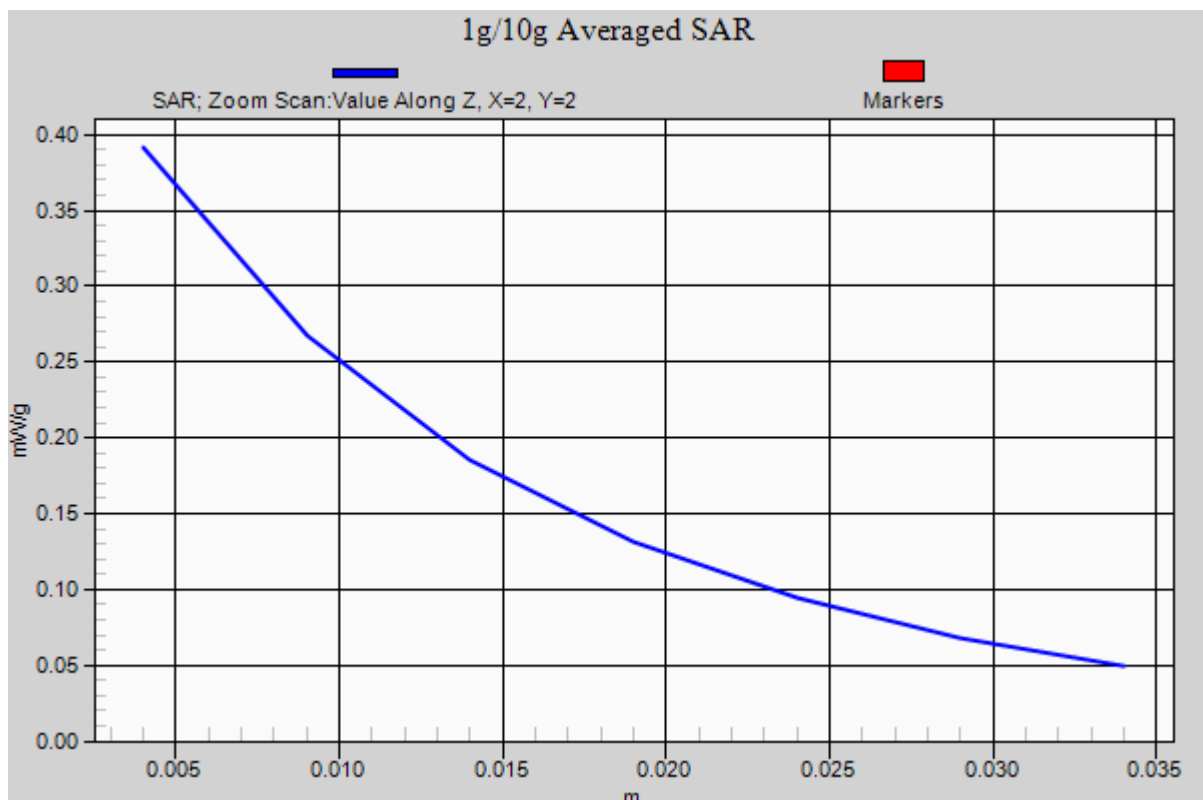Maximum value of SAR (measured) = 0.391 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.65 V/m; Power Drift = 0.119 dB
Peak SAR (extrapolated) = 0.331 W/kg
SAR(1 g) = 0.247 mW/g; SAR(10 g) = 0.181 mW/g
Maximum value of SAR (measured) = 0.257 mW/g

#27 WCDMA V_RMC12.2K_Secondary Landscape_1cm_Ch4182_Ant1_Earphone

DUT: 171811

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_110826 Medium parameters used: f = 836.4 MHz; σ = 0.977 mho/m; ε_r = 53; ρ =

1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.35, 6.35, 6.35); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Area Scan (151x31x1): Measurement grid: dx=20mm, dy=20mm
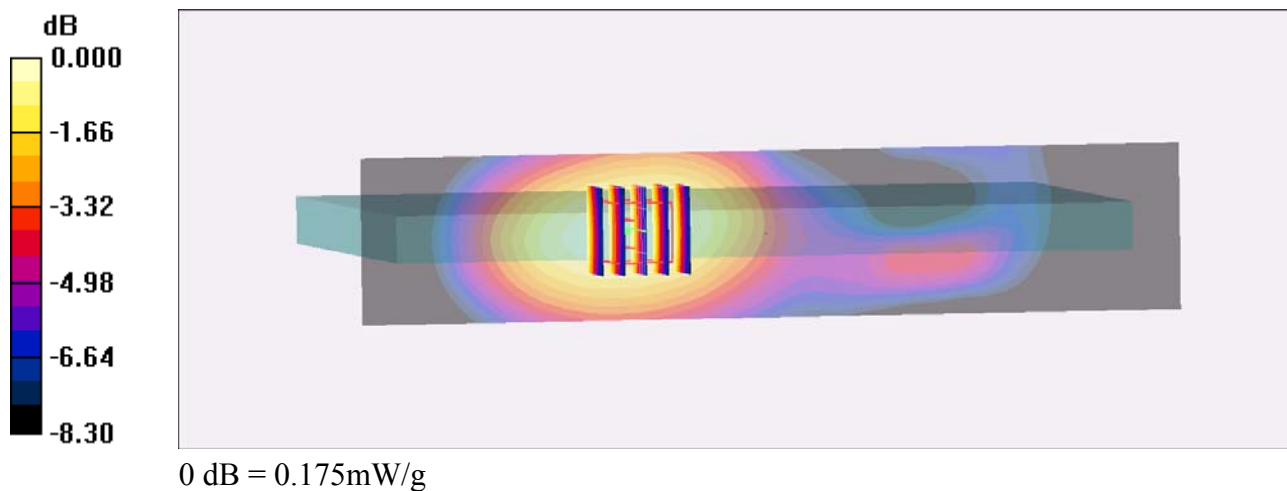Maximum value of SAR (interpolated) = 0.177 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.29 V/m; Power Drift = 0.087 dB
Peak SAR (extrapolated) = 0.208 W/kg
SAR(1 g) = 0.165 mW/g; SAR(10 g) = 0.120 mW/g
Maximum value of SAR (measured) = 0.175 mW/g

0 dB = 0.175mW/g

#13 WCDMA II_RMC12.2K_Bottom Face_1.2cm_Ch9400_Ant1_Earphone

DUT: 171811

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110824 Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; $ε_r$ = 55.1; ρ = 1000 kg/m^3

Ambient Temperature 22.6 ; Liquid Temperature 21.6

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9400/Area Scan (151x111x1): Measurement grid: dx=20mm, dy=20mm
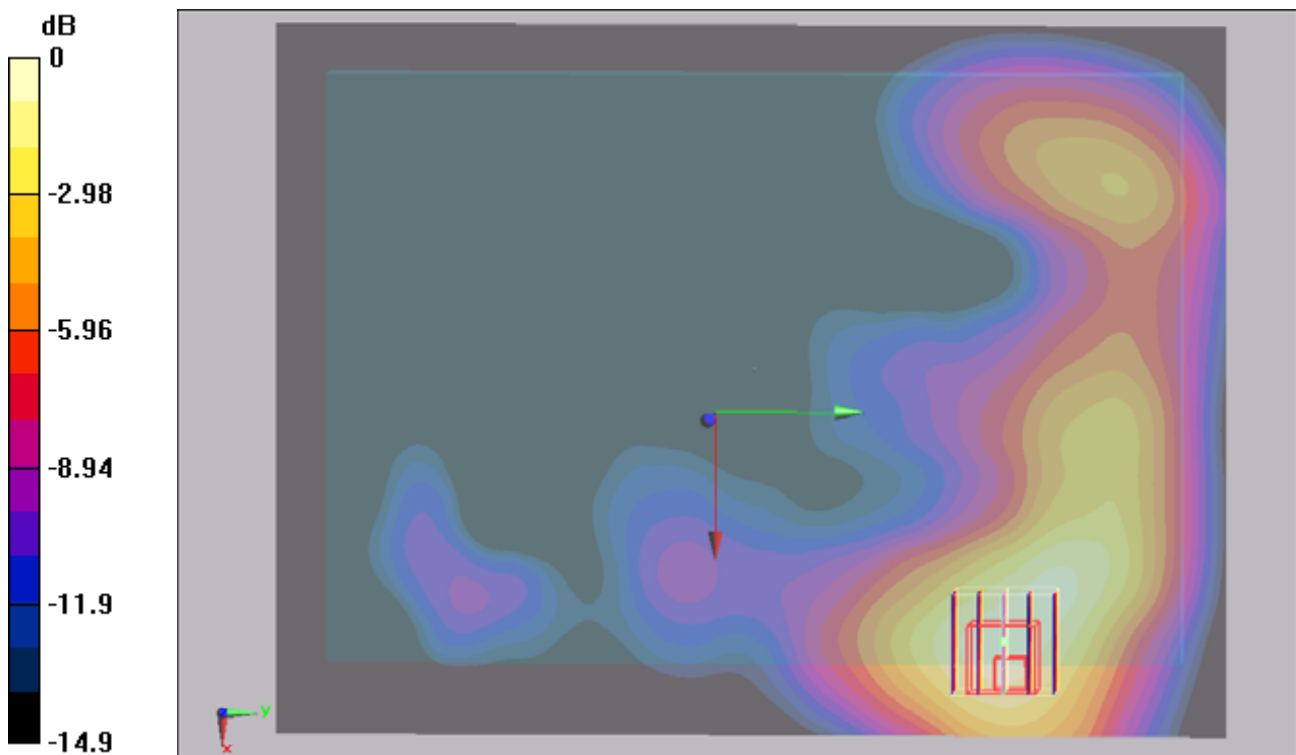Maximum value of SAR (interpolated) = 0.318 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.08 V/m; Power Drift = -0.099 dB
Peak SAR (extrapolated) = 0.504 W/kg
SAR(1 g) = 0.312 mW/g; SAR(10 g) = 0.183 mW/g
Maximum value of SAR (measured) = 0.332 mW/g

0 dB = 0.332mW/g

#14 WCDMA II_RMC12.2K_Secondary Landscape_1cm_Ch9400_Ant1_Earphone

DUT: 171811

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110824 Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε_r = 55.1; ρ = 1000 kg/m^3
Ambient Temperature   22.6   ; Liquid Temperature   21.6

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9400/Area Scan (151x31x1): Measurement grid: dx=20mm, dy=20mm
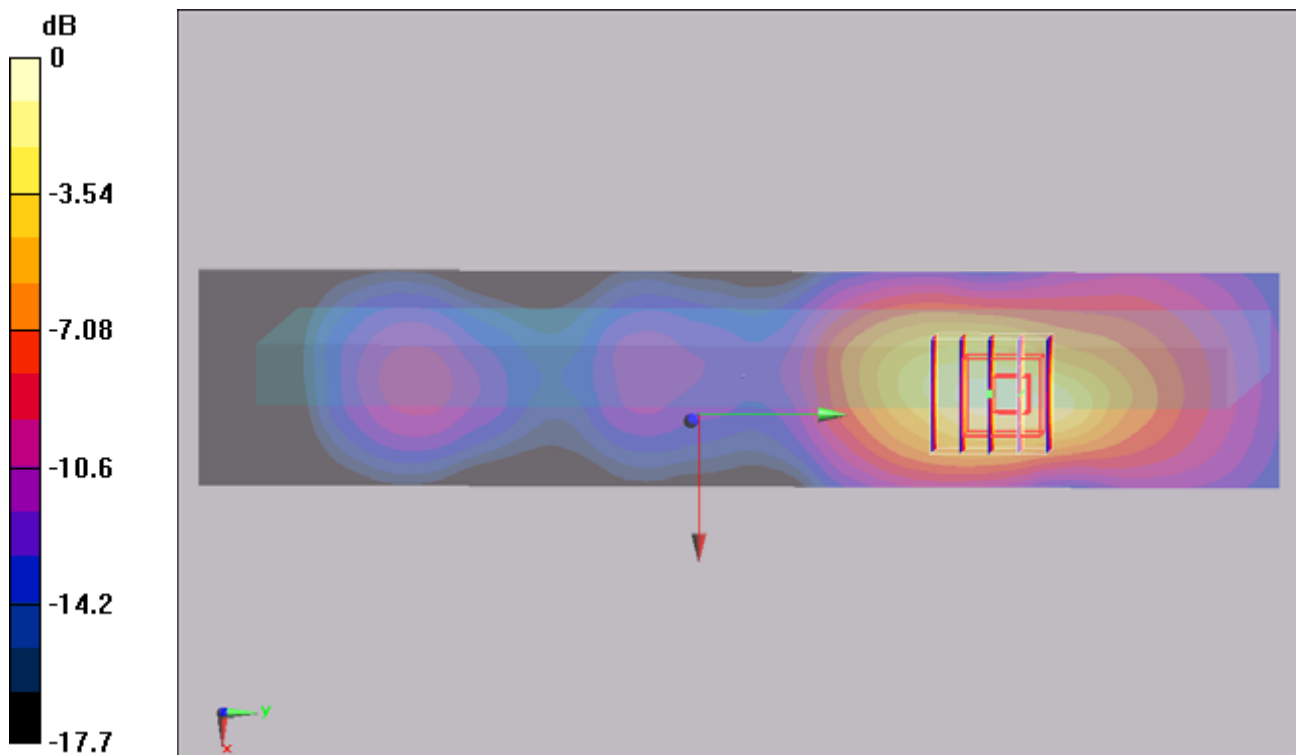Maximum value of SAR (interpolated) = 1.06 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.76 V/m; Power Drift = -0.007 dB
Peak SAR (extrapolated) = 1.78 W/kg
SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.597 mW/g
Maximum value of SAR (measured) = 1.19 mW/g

0 dB = 1.19mW/g

#38 WCDMA II_RMC12.2K_Secondary Landscape_1cm_Ch9400_Ant2_Earphone

DUT: 171811

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110905 Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε_r = 55.1; ρ = 1000

kg/m^3
Ambient Temperature 22.3 ; Liquid Temperature 21.3

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9400/Area Scan (151x31x1): Measurement grid: dx=20mm, dy=20mm
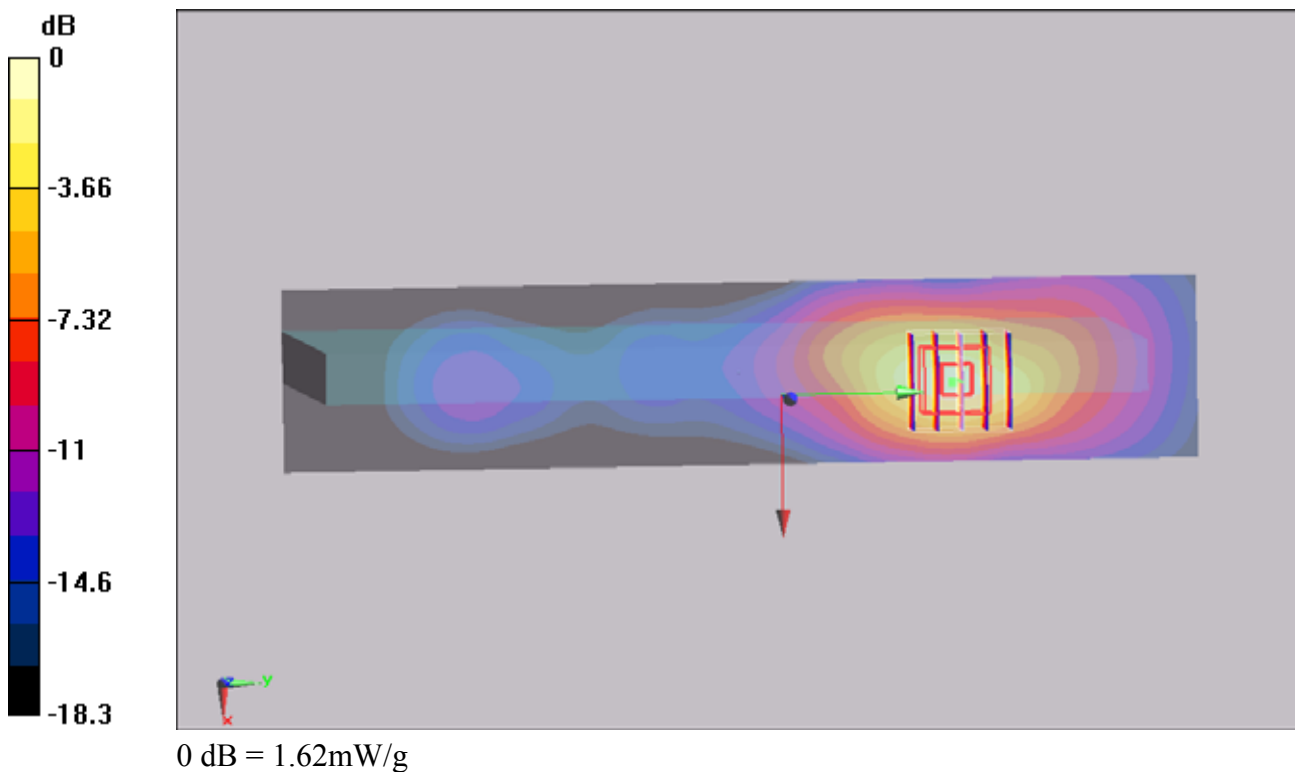Maximum value of SAR (interpolated) = 1.47 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.41 V/m; Power Drift = 0.170 dB
Peak SAR (extrapolated) = 2.53 W/kg
SAR(1 g) = 1.46 mW/g; SAR(10 g) = 0.798 mW/g
Maximum value of SAR (measured) = 1.62 mW/g

0 dB = 1.62mW/g

#18 WCDMA II_RMC12.2K_Secondary Landscape_1cm_Ch9262_Ant1_Earphone

DUT: 171811

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110825 Medium parameters used: f = 1852.4 MHz; σ = 1.45 mho/m; ε_r = 53.9;

ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃；Liquid Temperature：21.6 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9262/Area Scan (71x21x1): Measurement grid: dx=20mm, dy=20mm
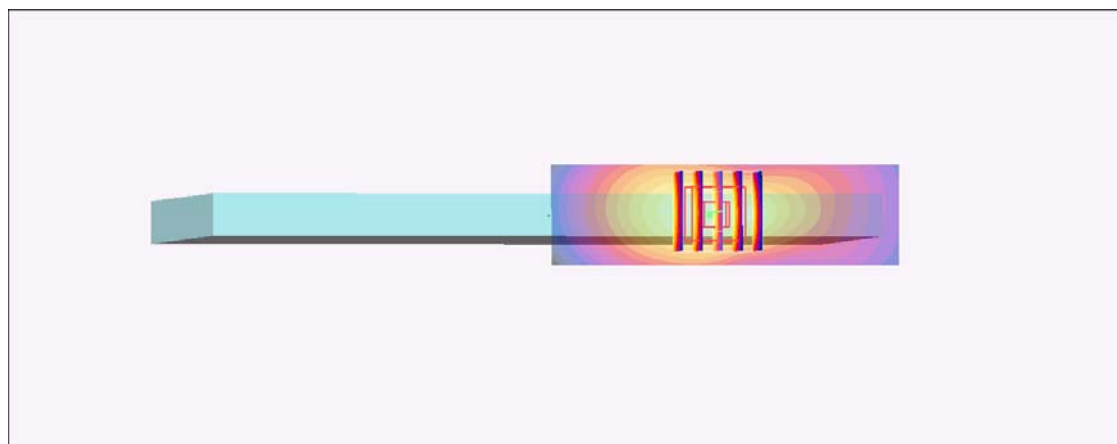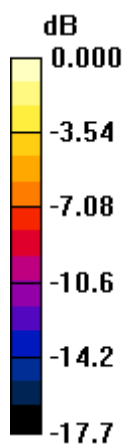Maximum value of SAR (interpolated) = 1.23 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.35 V/m; Power Drift = 0.078 dB
Peak SAR (extrapolated) = 1.82 W/kg
SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.636 mW/g
Maximum value of SAR (measured) = 1.25 mW/g

0 dB = 1.25mW/g

#18 WCDMA II_RMC12.2K_Secondary Landscape_1cm_Ch9262_Ant1_Earphone_2D

DUT: 171811

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110825 Medium parameters used: f = 1852.4 MHz; σ = 1.45 mho/m; ε_r =

53.9; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃；Liquid Temperature：21.6 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9262/Area Scan (71x21x1): Measurement grid: dx=20mm, dy=20mm
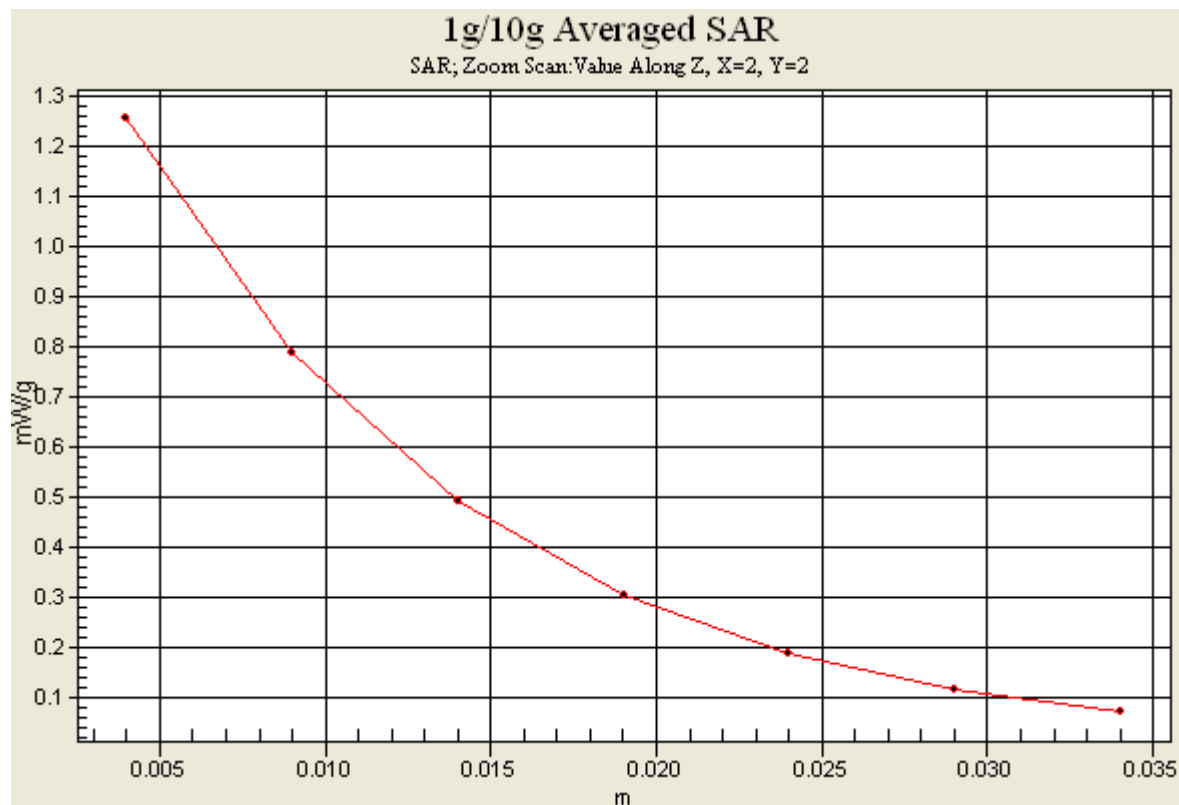Maximum value of SAR (interpolated) = 1.23 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.35 V/m; Power Drift = 0.078 dB
Peak SAR (extrapolated) = 1.82 W/kg
SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.636 mW/g
Maximum value of SAR (measured) = 1.25 mW/g

#37 WCDMA II_RMC12.2K_Secondary Landscape_1cm_Ch9262_Ant2_Earphone

DUT: 171811

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110905 Medium parameters used: f = 1852.4 MHz; σ = 1.46 mho/m; ε_r = 55.2; ρ = 1000 kg/m^3
Ambient Temperature 22.3 ; Liquid Temperature 21.3

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9262/Area Scan (151x31x1): Measurement grid: dx=20mm, dy=20mm
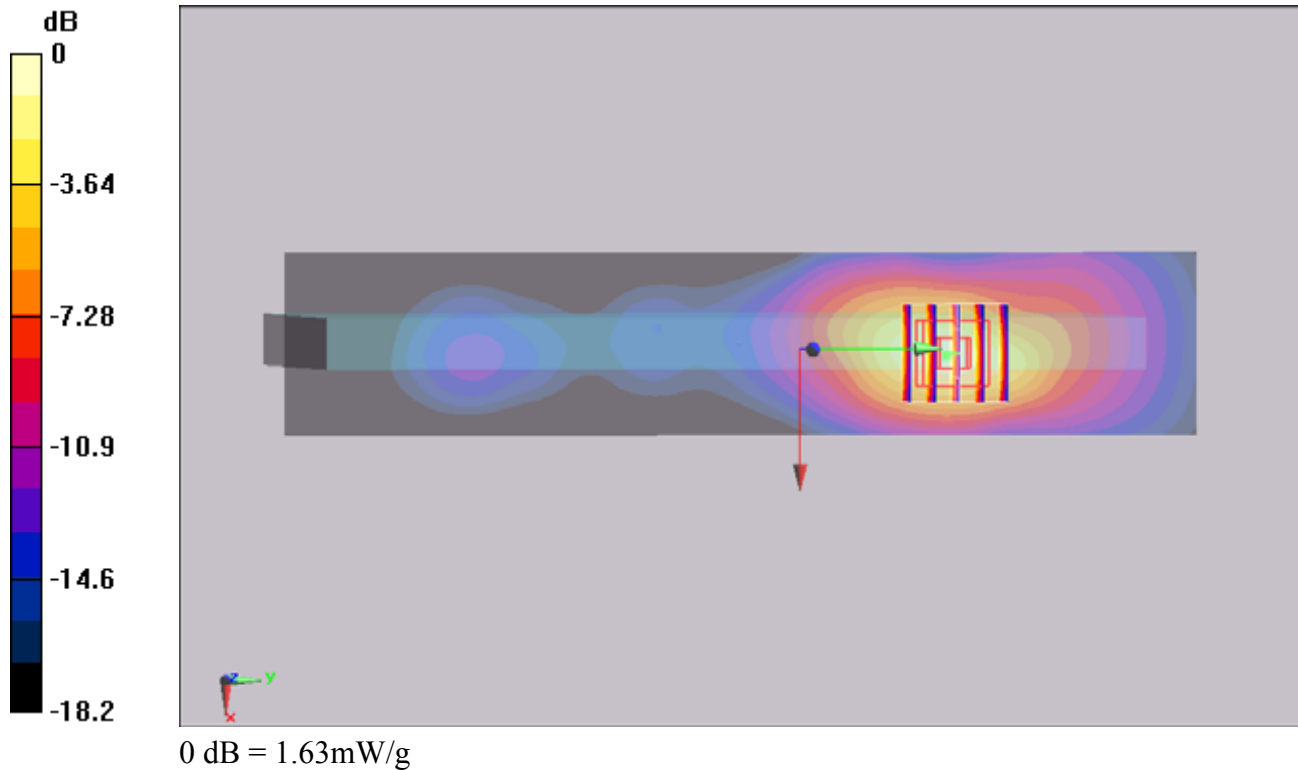Maximum value of SAR (interpolated) = 1.48 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.7 V/m; Power Drift = -0.014 dB
Peak SAR (extrapolated) = 2.53 W/kg
SAR(1 g) = 1.47 mW/g; SAR(10 g) = 0.804 mW/g
Maximum value of SAR (measured) = 1.63 mW/g

0 dB = 1.63mW/g

#37 WCDMA II_RMC12.2K_Secondary Landscape_1cm_Ch9262_Ant2_Earphone_2D

DUT: 171811

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110905 Medium parameters used: f = 1852.4 MHz; σ = 1.46 mho/m; ε_r = 55.2; ρ = 1000 kg/m^3

Ambient Temperature 22.3 ; Liquid Temperature 21.3

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9262/Area Scan (151x31x1): Measurement grid: dx=20mm, dy=20mm
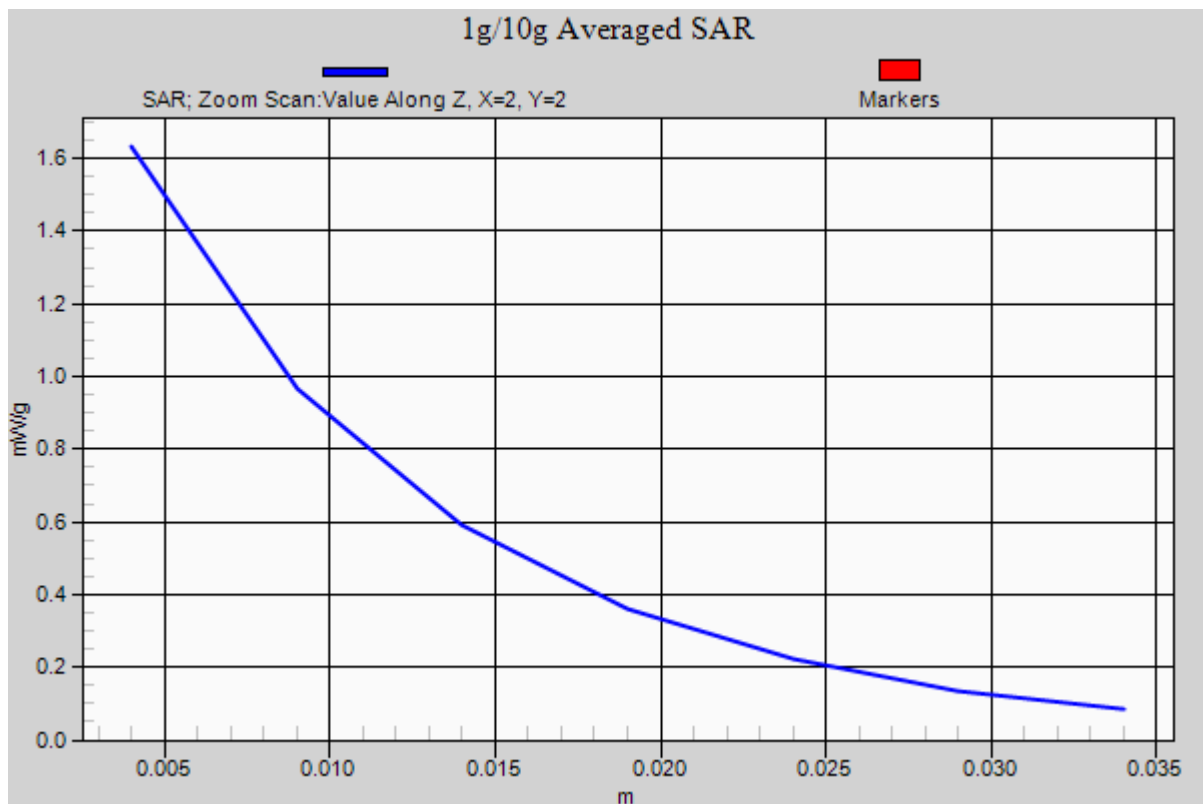Maximum value of SAR (interpolated) = 1.48 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.7 V/m; Power Drift = -0.014 dB
Peak SAR (extrapolated) = 2.53 W/kg
SAR(1 g) = 1.47 mW/g; SAR(10 g) = 0.804 mW/g
Maximum value of SAR (measured) = 1.63 mW/g

#19 WCDMA II_RMC12.2K_Secondary Landscape_1cm_Ch9538_Ant1_Earphone

DUT: 171811

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110825 Medium parameters used: f = 1908 MHz; σ = 1.51 mho/m; ε_r = 53.7; ρ

= 1000 kg/m^3
Ambient Temperature：22.6 ℃；Liquid Temperature：21.6 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9538/Area Scan (71x21x1): Measurement grid: dx=20mm, dy=20mm
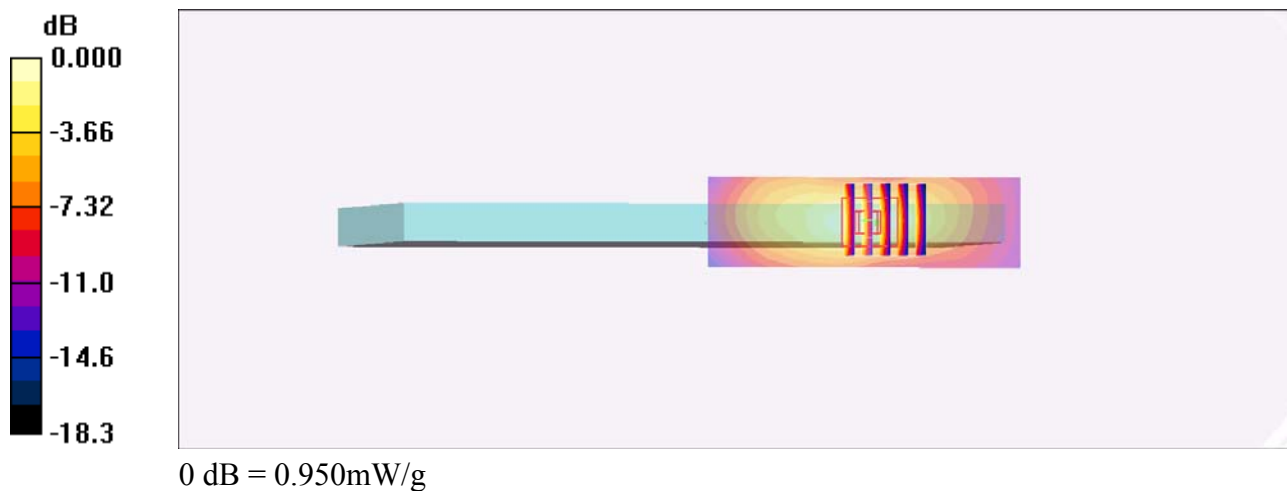Maximum value of SAR (interpolated) = 0.940 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.66 V/m; Power Drift = 0.010 dB
Peak SAR (extrapolated) = 1.46 W/kg
SAR(1 g) = 0.862 mW/g; SAR(10 g) = 0.474 mW/g
Maximum value of SAR (measured) = 0.950 mW/g

0 dB = 0.950mW/g

#39 WCDMA II_RMC12.2K_Secondary Landscape_1cm_Ch9538_Ant2_Earphone

DUT: 171811

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110905 Medium parameters used: f = 1908 MHz; σ = 1.52 mho/m; $ε_r$ = 55; ρ = 1000

kg/m^3
Ambient Temperature 22.3 ; Liquid Temperature 21.3

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9800/Area Scan (151x31x1): Measurement grid: dx=20mm, dy=20mm
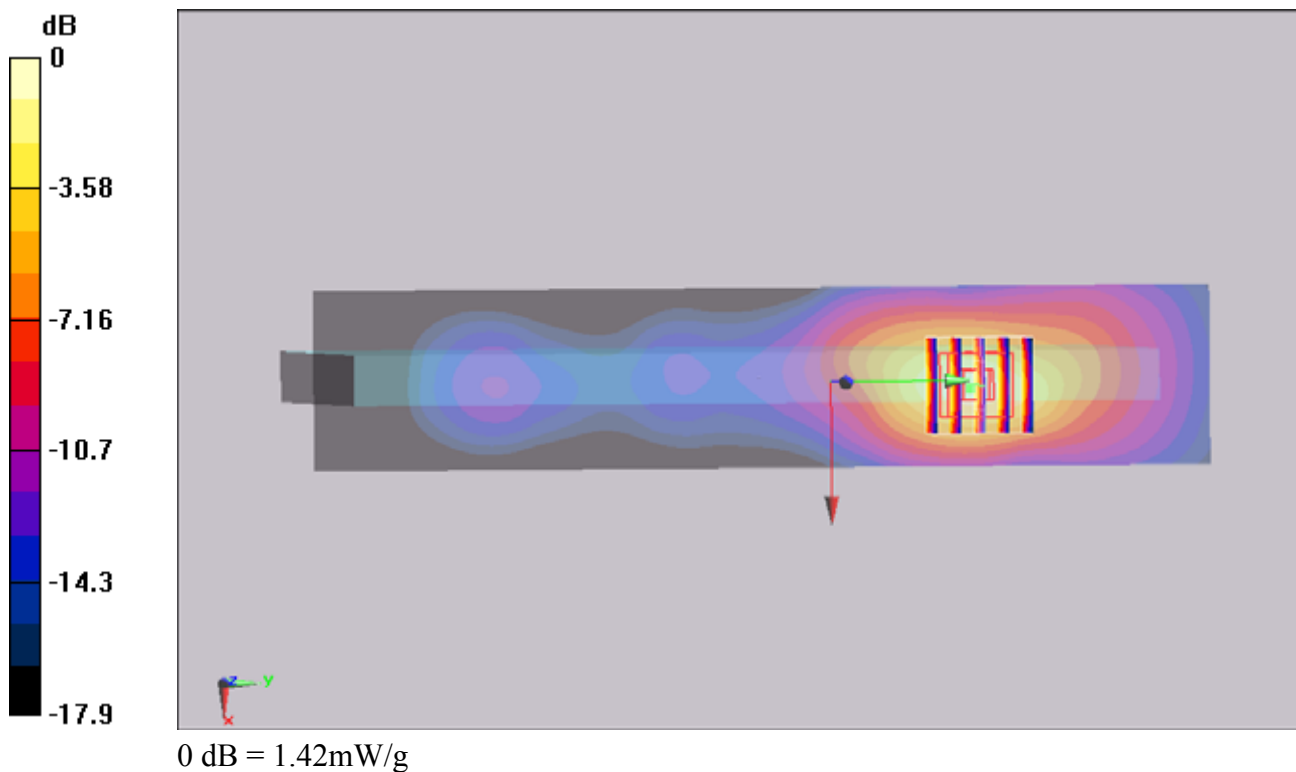Maximum value of SAR (interpolated) = 1.28 mW/g

Ch9800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.04 V/m; Power Drift = 0.066 dB
Peak SAR (extrapolated) = 2.21 W/kg
SAR(1 g) = 1.28 mW/g; SAR(10 g) = 0.701 mW/g
Maximum value of SAR (measured) = 1.42 mW/g

0 dB = 1.42mW/g

#01 802.11b_Bottom Face_0cm_Ch11_Earphone

DUT: 170201

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_110805 Medium parameters used: f = 2462 MHz; σ = 1.98 mho/m; ε_r = 51.5; ρ

= 1000 kg/m^3
Ambient Temperature：22.4 ℃；Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3754; ConvF(6.84, 6.84, 6.84); Calibrated: 2011/1/11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (121x151x1): Measurement grid: dx=20mm, dy=20mm
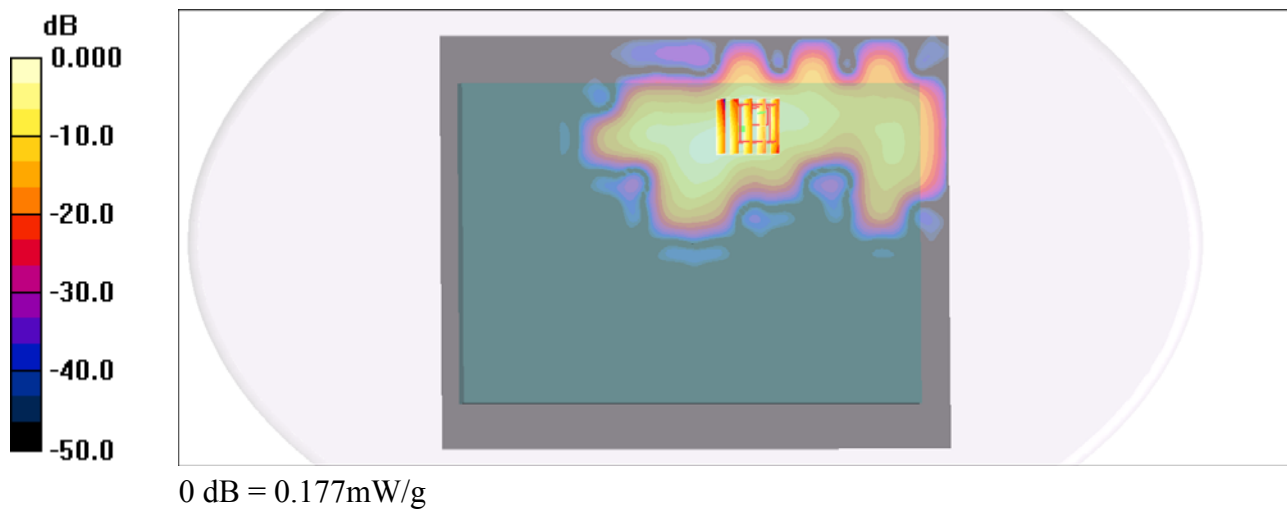Maximum value of SAR (interpolated) = 0.190 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.406 V/m; Power Drift = 0.137 dB
Peak SAR (extrapolated) = 0.323 W/kg
SAR(1 g) = 0.155 mW/g; SAR(10 g) = 0.074 mW/g
Maximum value of SAR (measured) = 0.177 mW/g

0 dB = 0.177mW/g

#02 802.11b_Primary Landscape_0cm_Ch11_Earphone

DUT: 170201

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_110805 Medium parameters used: f = 2462 MHz; σ = 1.98 mho/m; ε_r = 51.5; ρ

= 1000 kg/m^3
Ambient Temperature：22.4 ℃；Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3754; ConvF(6.84, 6.84, 6.84); Calibrated: 2011/1/11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (31x151x1): Measurement grid: dx=20mm, dy=20mm
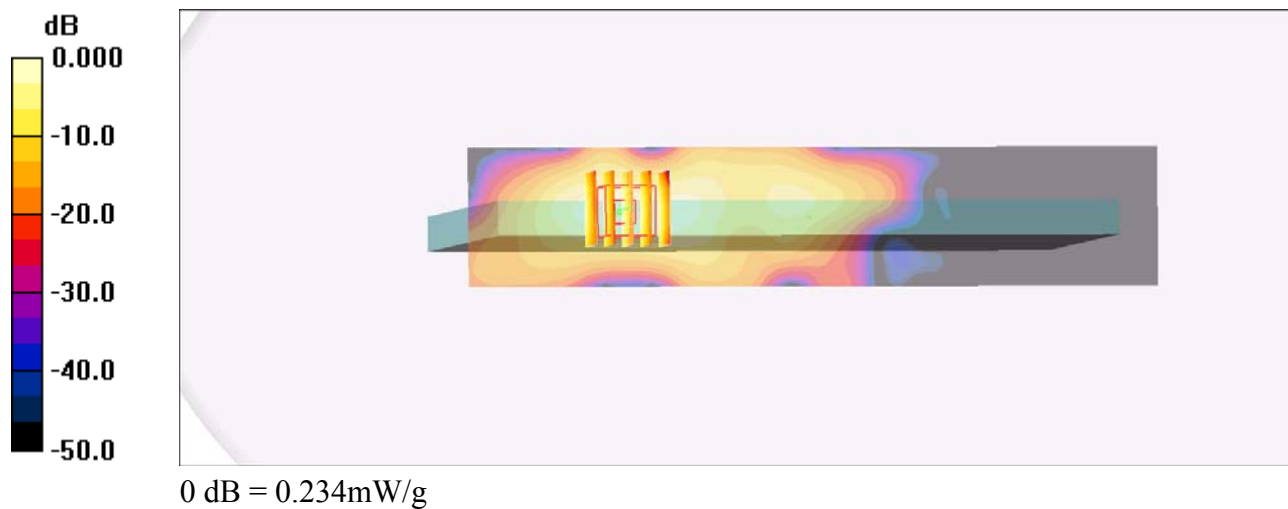Maximum value of SAR (interpolated) = 0.224 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.52 V/m; Power Drift = -0.031 dB
Peak SAR (extrapolated) = 0.415 W/kg
SAR(1 g) = 0.203 mW/g; SAR(10 g) = 0.095 mW/g
Maximum value of SAR (measured) = 0.234 mW/g

0 dB = 0.234mW/g

#02 802.11b_Primary Landscape_0cm_Ch11_Earphone_2D

DUT: 170201

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_110805 Medium parameters used: f = 2462 MHz; σ = 1.98 mho/m; ε$_r$ = 51.5;

ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃；Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3754; ConvF(6.84, 6.84, 6.84); Calibrated: 2011/1/11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (31x151x1): Measurement grid: dx=20mm, dy=20mm
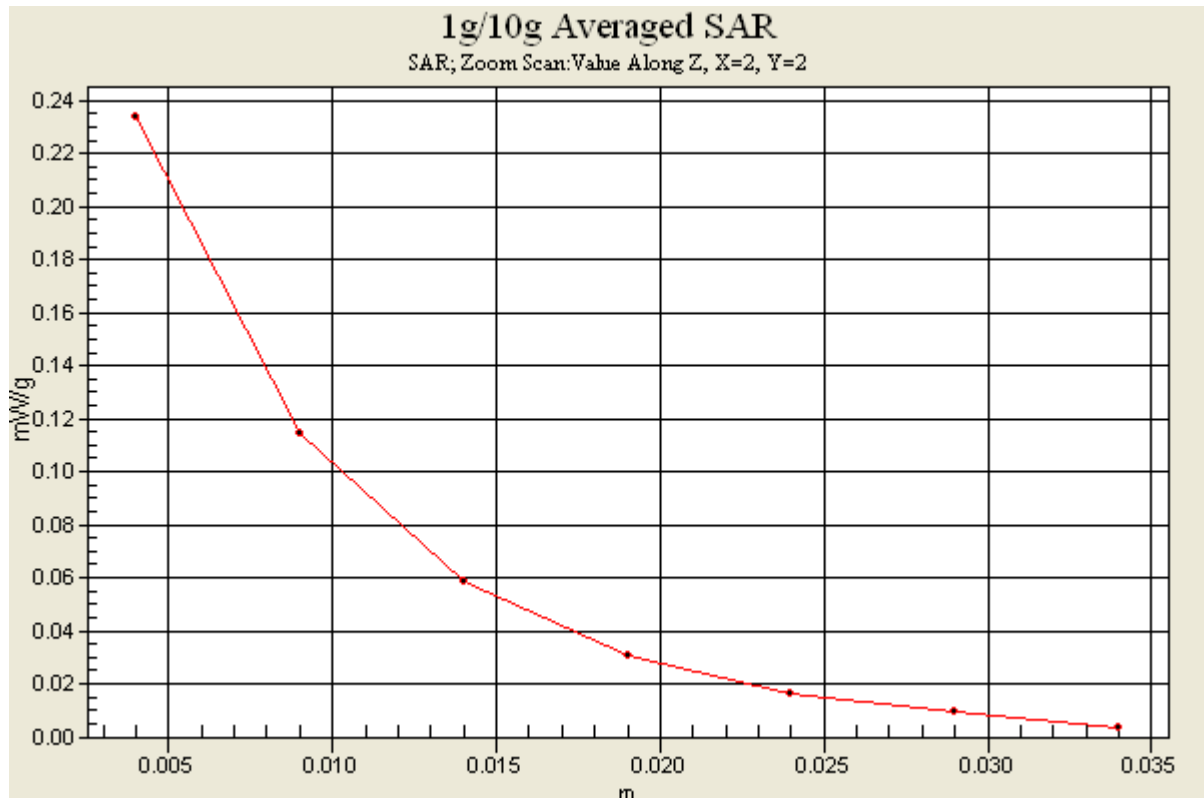Maximum value of SAR (interpolated) = 0.224 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.52 V/m; Power Drift = -0.031 dB
Peak SAR (extrapolated) = 0.415 W/kg
SAR(1 g) = 0.203 mW/g; SAR(10 g) = 0.095 mW/g
Maximum value of SAR (measured) = 0.234 mW/g

#03 802.11a_Bottom Face_0cm_Ch44_Earphone

DUT: 170201

Communication System: 802.11a; Frequency: 5220 MHz;Duty Cycle: 1:1
Medium: MSL_5G_110805 Medium parameters used : f = 5220 MHz; σ = 5.34 mho/m; ε_r = 47.455;

ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.22, 4.22, 4.22); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch44/Area Scan (241x301x1): Measurement grid: dx=10mm, dy=10mm
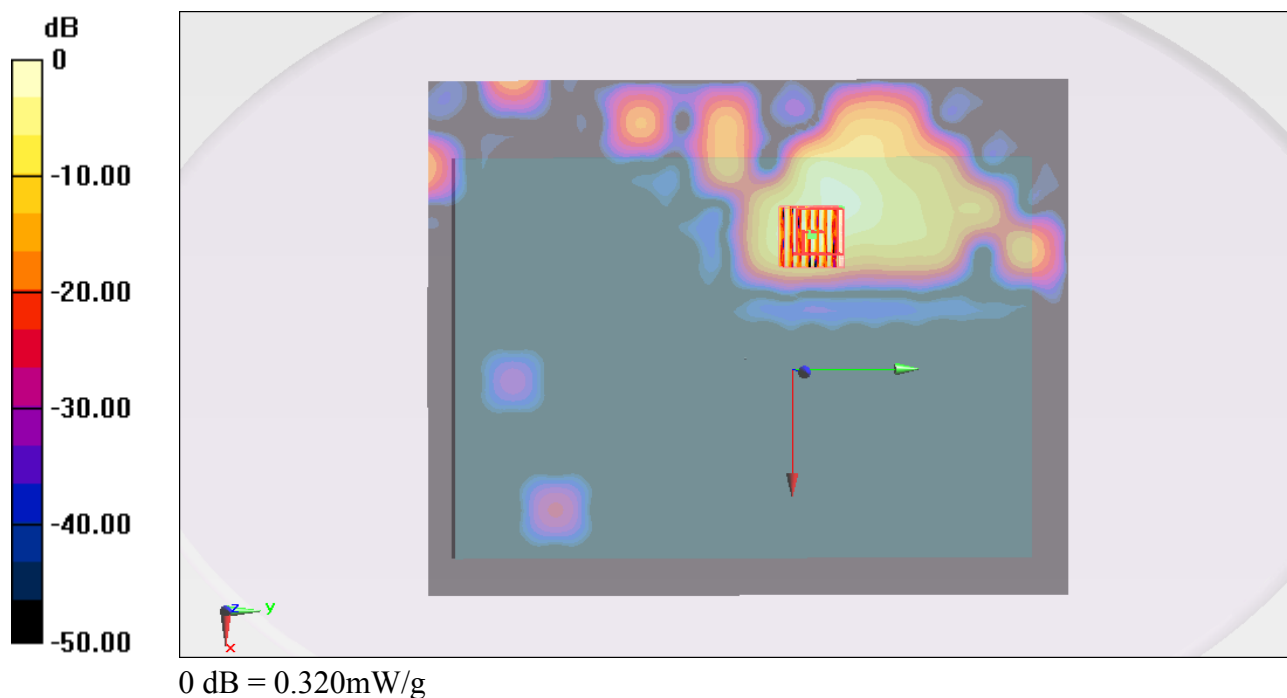Maximum value of SAR (interpolated) = 0.244 mW/g

Ch44/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.370 V/m; Power Drift = 0.157 dB
Peak SAR (extrapolated) = 0.538 W/kg
SAR(1 g) = 0.107 mW/g; SAR(10 g) = 0.030 mW/g
Maximum value of SAR (measured) = 0.316 mW/g

0 dB = 0.320mW/g

#04 802.11a_Primary Landscape_0cm_Ch44_Earphone

DUT: 170201

Communication System: 802.11a; Frequency: 5220 MHz;Duty Cycle: 1:1
Medium: MSL_5G_110805 Medium parameters used : f = 5220 MHz; σ = 5.34 mho/m; ε_r = 47.455;

ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.22, 4.22, 4.22); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch44/Area Scan (61x301x1): Measurement grid: dx=10mm, dy=10mm
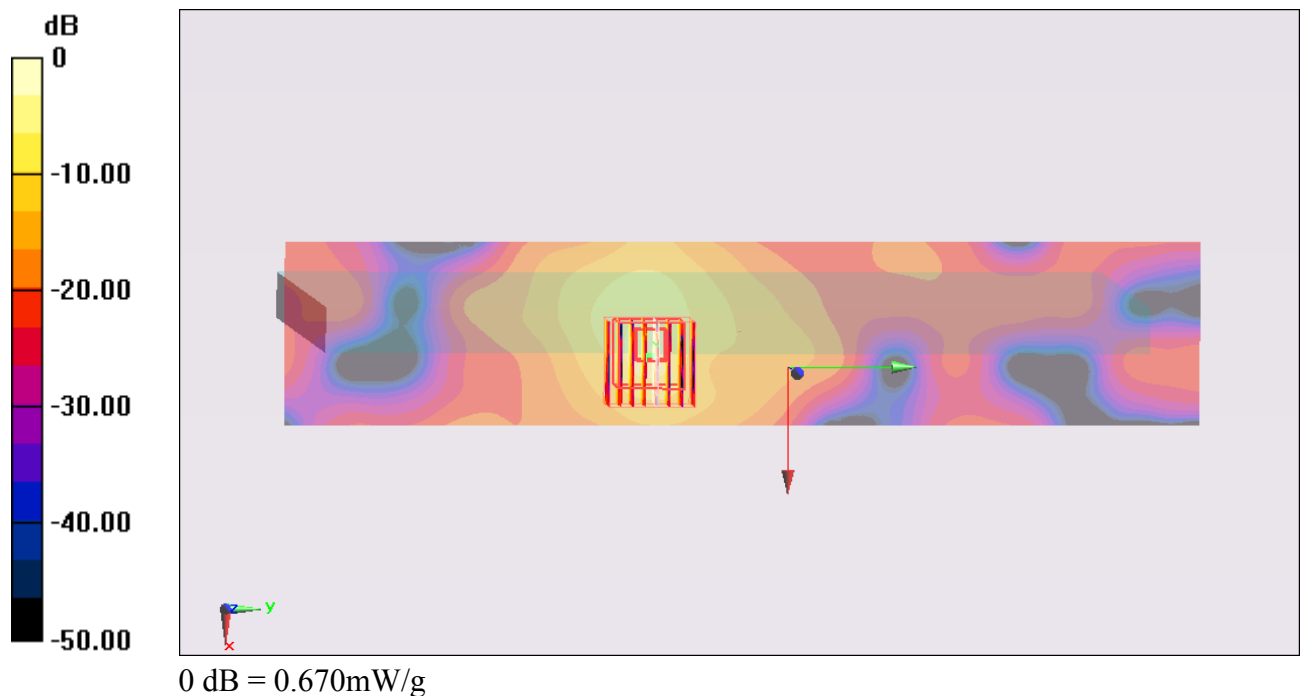Maximum value of SAR (interpolated) = 0.220 mW/g

Ch44/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 6.399 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.219 W/kg
SAR(1 g) = 0.315 mW/g; SAR(10 g) = 0.094 mW/g
Maximum value of SAR (measured) = 0.667 mW/g

0 dB = 0.670mW/g

#04 802.11a_Primary Landscape_0cm_Ch44_Earphone_2D

DUT: 170201

Communication System: 802.11a; Frequency: 5220 MHz;Duty Cycle: 1:1
Medium: MSL_5G_110805 Medium parameters used : f = 5220 MHz; σ = 5.34 mho/m; ε_r = 47.455;

ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.22, 4.22, 4.22); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch44/Area Scan (61x301x1): Measurement grid: dx=10mm, dy=10mm
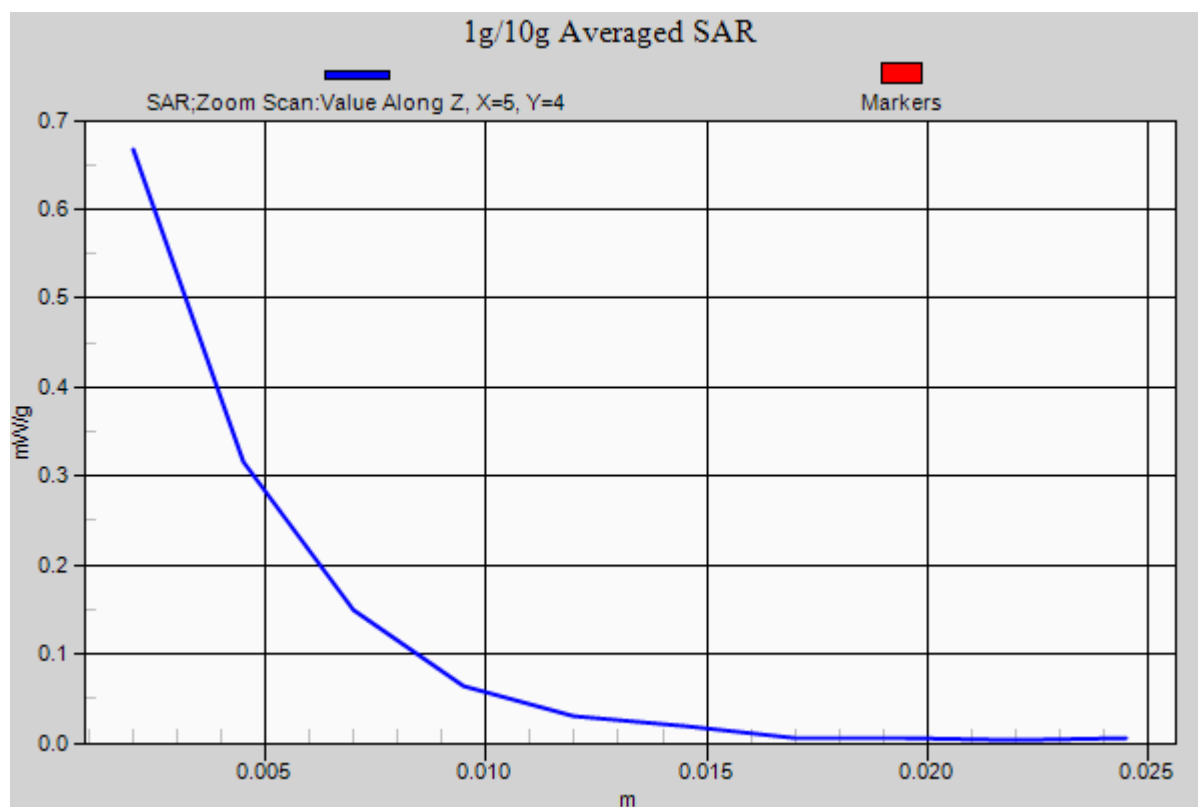Maximum value of SAR (interpolated) = 0.220 mW/g

Ch44/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 6.399 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.219 W/kg
SAR(1 g) = 0.315 mW/g; SAR(10 g) = 0.094 mW/g
Maximum value of SAR (measured) = 0.667 mW/g

#05 802.11a_Bottom Face_0cm_Ch52_Earphone

DUT: 170201

Communication System: 802.11a; Frequency: 5260 MHz;Duty Cycle: 1:1
Medium: MSL_5G_110805 Medium parameters used : f = 5260 MHz; σ = 5.383 mho/m; ε_r = 47.339;

ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃；Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.93, 3.93, 3.93); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch52/Area Scan (241x301x1): Measurement grid: dx=10mm, dy=10mm
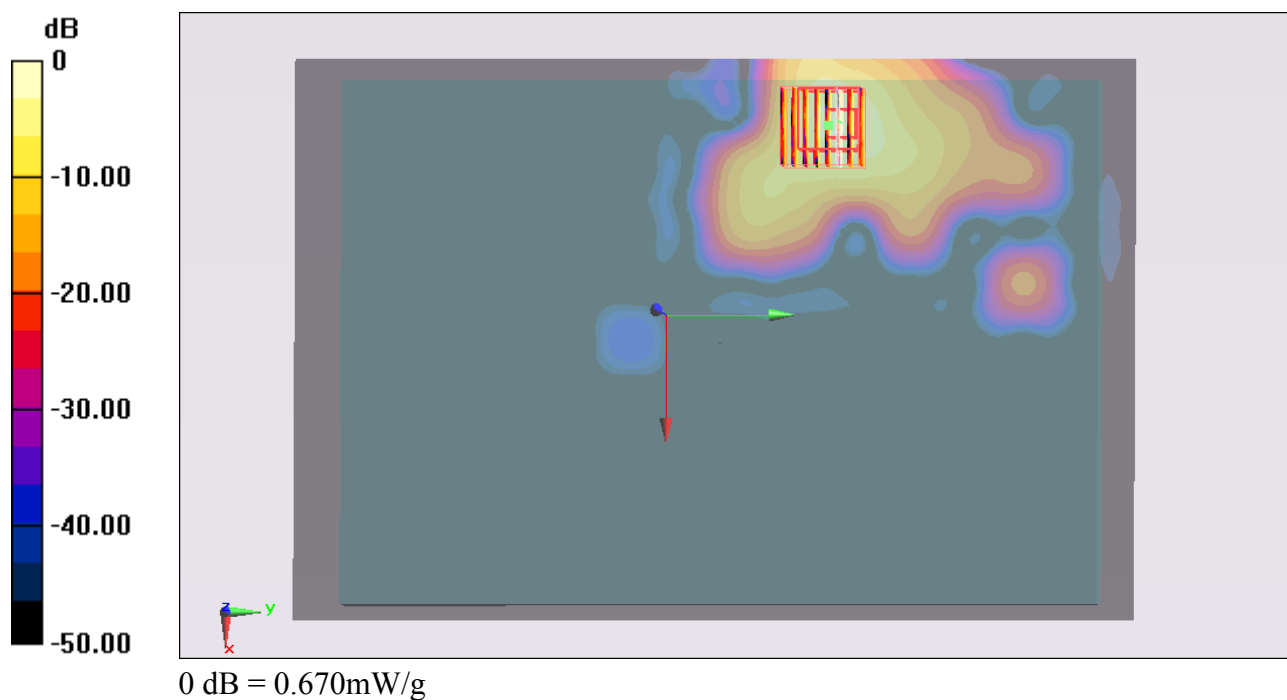Maximum value of SAR (interpolated) = 0.365 mW/g

Ch52/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.013 dB
Peak SAR (extrapolated) = 1.240 W/kg
SAR(1 g) = 0.346 mW/g; SAR(10 g) = 0.117 mW/g
 Maximum value of SAR (measured) = 0.668 mW/g

0 dB = 0.670mW/g

#06 802.11a_Primary Landscape_0cm_Ch52_Earphone

DUT: 170201

Communication System: 802.11a; Frequency: 5260 MHz;Duty Cycle: 1:1
Medium: MSL_5G_110805 Medium parameters used : f = 5260 MHz; σ = 5.383 mho/m; ε_r = 47.339;

ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃；Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.93, 3.93, 3.93); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch52/Area Scan (61x301x1): Measurement grid: dx=10mm, dy=10mm
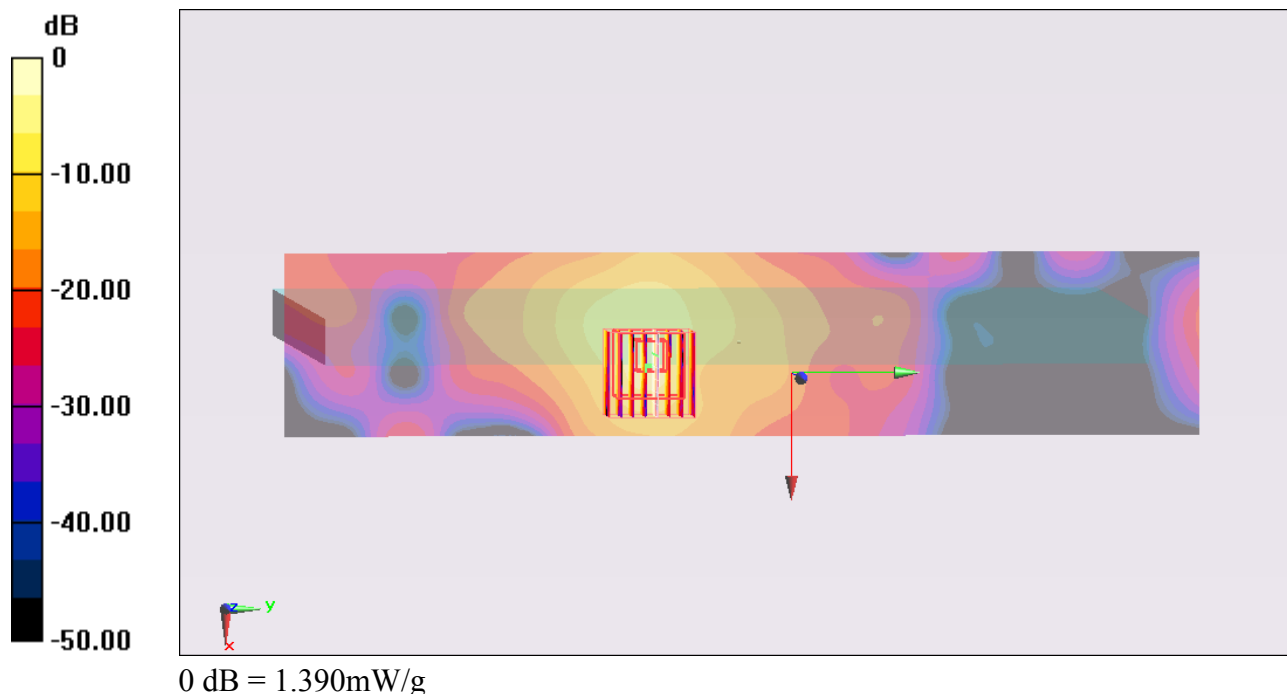Maximum value of SAR (interpolated) = 0.472 mW/g

Ch52/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 9.055 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 2.481 W/kg
SAR(1 g) = 0.660 mW/g; SAR(10 g) = 0.202 mW/g
Maximum value of SAR (measured) = 1.385 mW/g

0 dB = 1.390mW/g

#06 802.11a_Primary Landscape_0cm_Ch52_Earphone_2D

DUT: 170201

Communication System: 802.11a; Frequency: 5260 MHz;Duty Cycle: 1:1
Medium: MSL_5G_110805 Medium parameters used : f = 5260 MHz; σ = 5.383 mho/m; ε_r =

47.339; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃；Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.93, 3.93, 3.93); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch52/Area Scan (61x301x1): Measurement grid: dx=10mm, dy=10mm
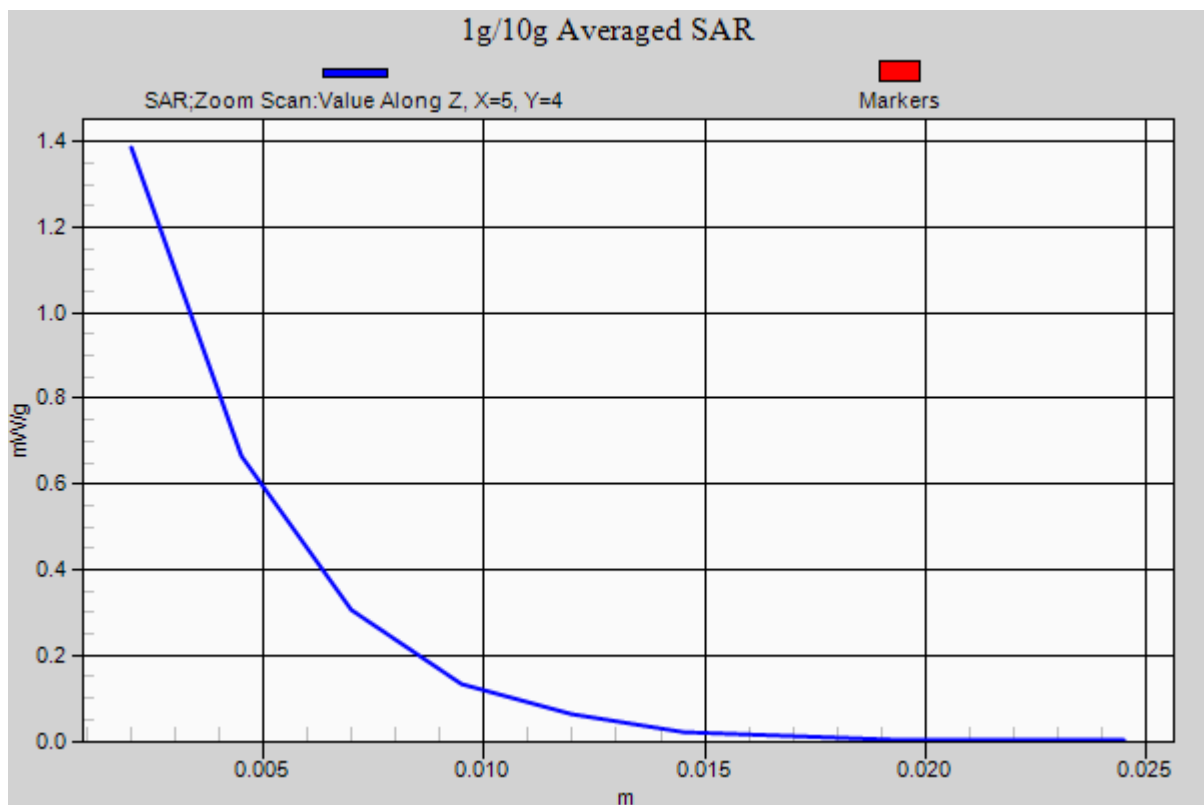Maximum value of SAR (interpolated) = 0.472 mW/g

Ch52/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 9.055 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 2.481 W/kg
SAR(1 g) = 0.660 mW/g; SAR(10 g) = 0.202 mW/g
Maximum value of SAR (measured) = 1.385 mW/g

#07 802.11a_Bottom Face_0cm_Ch104_Earphone

DUT: 170201

Communication System: 802.11a; Frequency: 5520 MHz;Duty Cycle: 1:1
Medium: MSL_5G_110805 Medium parameters used : f = 5520 MHz; σ = 5.756 mho/m; ε_r = 46.945;

ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃；Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.76, 3.76, 3.76); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch104/Area Scan (241x301x1): Measurement grid: dx=10mm, dy=10mm
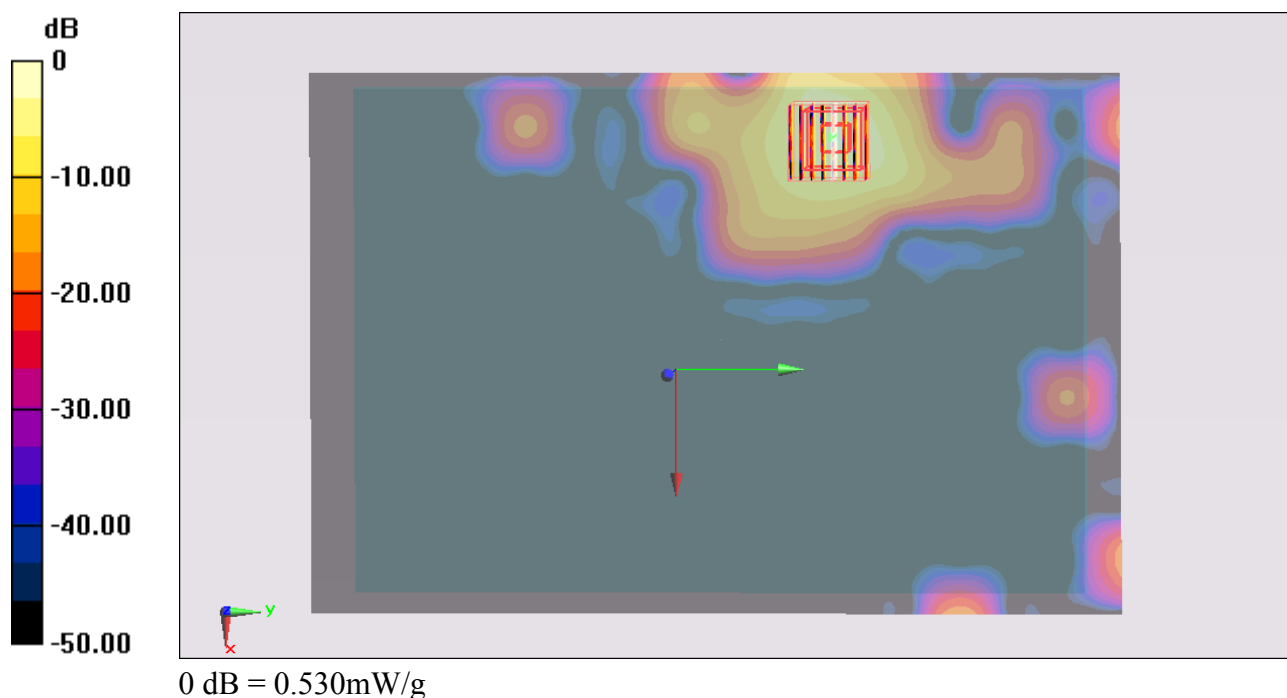Maximum value of SAR (interpolated) = 0.281 mW/g

Ch104/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.143 dB
Peak SAR (extrapolated) = 1.051 W/kg
SAR(1 g) = 0.269 mW/g; SAR(10 g) = 0.089 mW/g
Maximum value of SAR (measured) = 0.527 mW/g

0 dB = 0.530mW/g

#08 802.11a_Primary Landscape_0cm_Ch104_Earphone

DUT: 170201

Communication System: 802.11a; Frequency: 5520 MHz;Duty Cycle: 1:1
Medium: MSL_5G_110805 Medium parameters used : f = 5520 MHz; σ = 5.756 mho/m; $ε_r$ = 46.945;

ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃；Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.76, 3.76, 3.76); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch104/Area Scan (61x301x1): Measurement grid: dx=10mm, dy=10mm
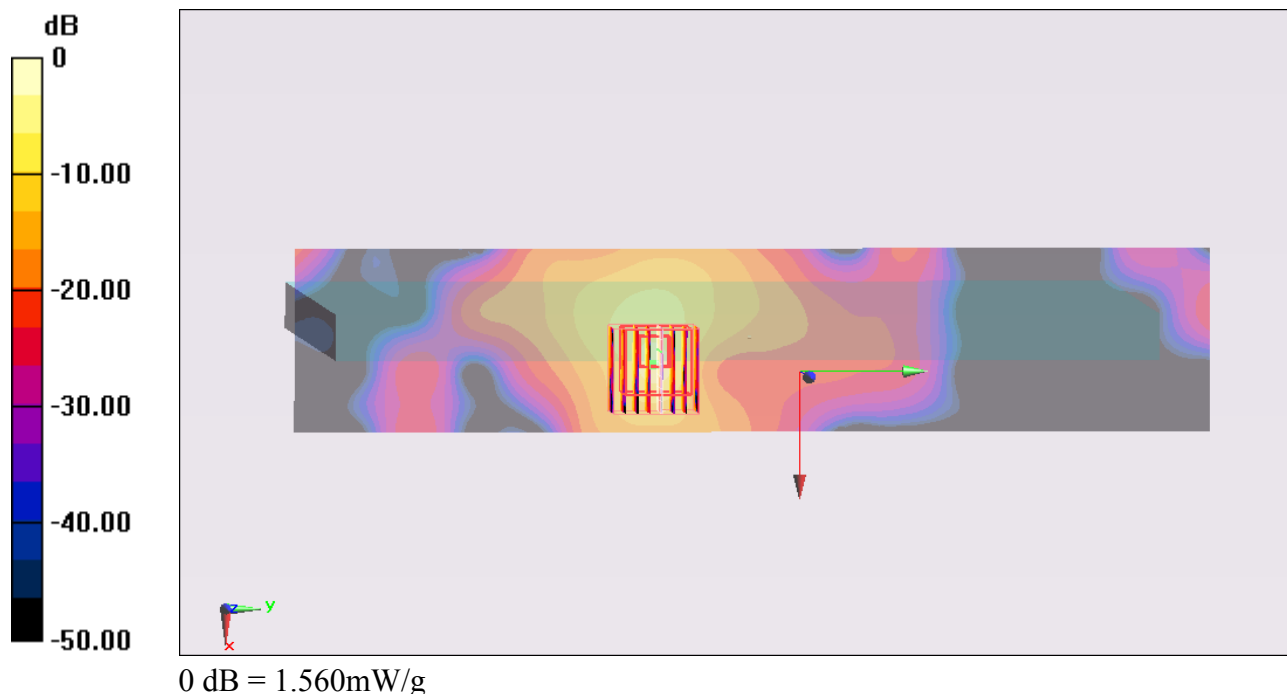Maximum value of SAR (interpolated) = 0.478 mW/g

Ch104/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 5.203 V/m; Power Drift = 0.138 dB
Peak SAR (extrapolated) = 2.870 W/kg
SAR(1 g) = 0.736 mW/g; SAR(10 g) = 0.218 mW/g
Maximum value of SAR (measured) = 1.556 mW/g

0 dB = 1.560mW/g

#08 802.11a_Primary Landscape_0cm_Ch104_Earphone_2D

DUT: 170201

Communication System: 802.11a; Frequency: 5520 MHz;Duty Cycle: 1:1
Medium: MSL_5G_110805 Medium parameters used : f = 5520 MHz; σ = 5.756 mho/m; ε$_r$ =

46.945; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃；Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.76, 3.76, 3.76); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch104/Area Scan (61x301x1): Measurement grid: dx=10mm, dy=10mm
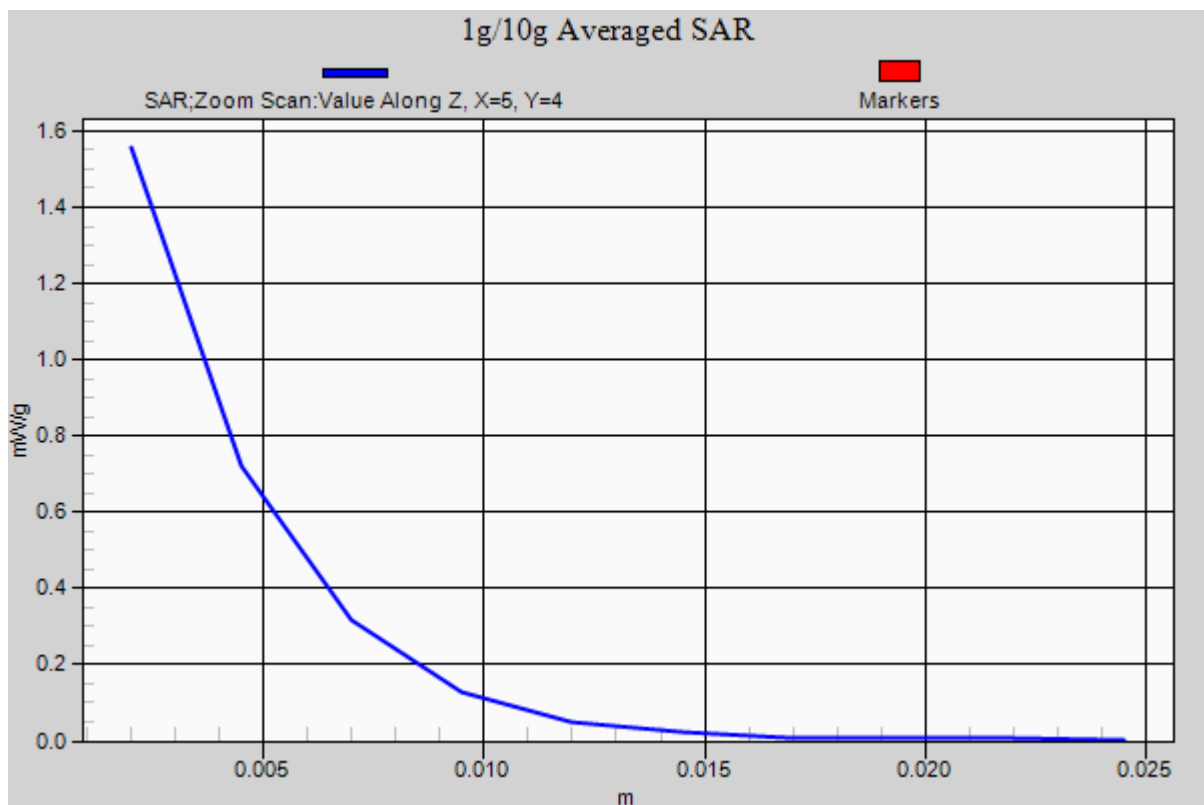Maximum value of SAR (interpolated) = 0.478 mW/g

Ch104/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 5.203 V/m; Power Drift = 0.138 dB
Peak SAR (extrapolated) = 2.870 W/kg
SAR(1 g) = 0.736 mW/g; SAR(10 g) = 0.218 mW/g
Maximum value of SAR (measured) = 1.556 mW/g

#09 802.11a_Bottom Face_0cm_Ch157_Earphone

DUT: 170201

Communication System: 802.11a; Frequency: 5785 MHz;Duty Cycle: 1:1
Medium: MSL_5G_110805 Medium parameters used : f = 5785 MHz; σ = 6.215 mho/m; ε_r = 46.482;

ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.78, 3.78, 3.78); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch157/Area Scan (241x301x1): Measurement grid: dx=10mm, dy=10mm
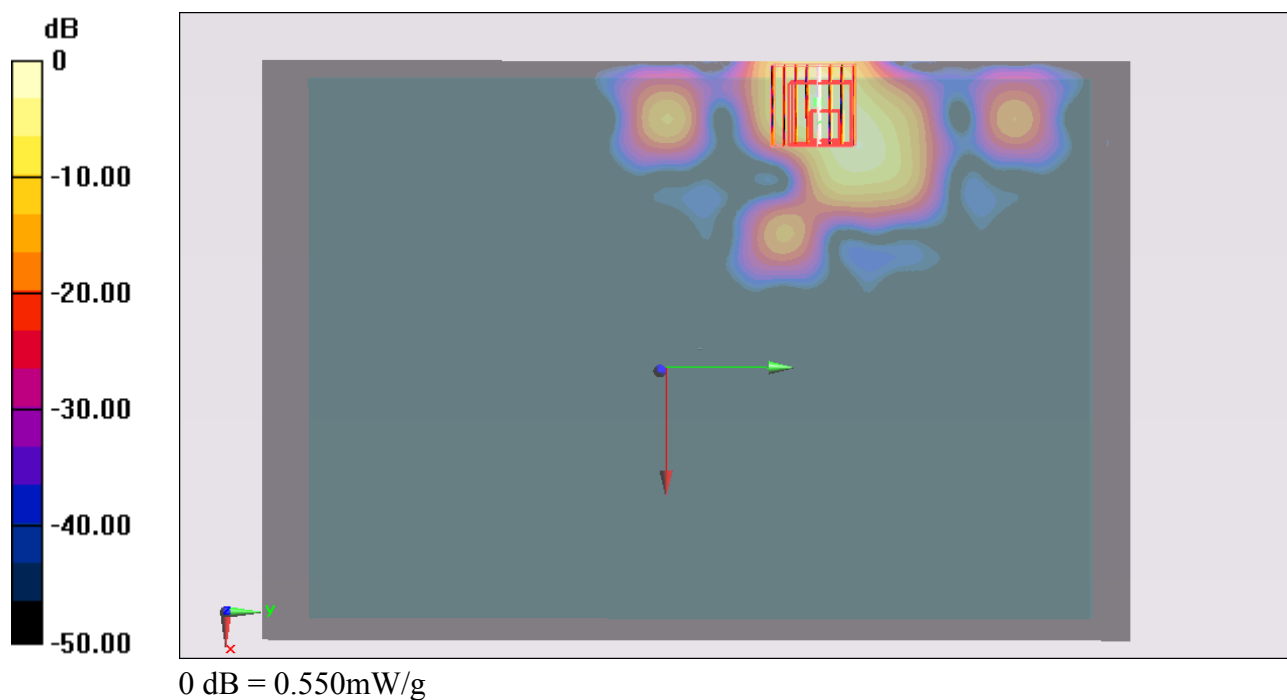Maximum value of SAR (interpolated) = 0.269 mW/g

Ch157/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.0114 dB
Peak SAR (extrapolated) = 1.088 W/kg
SAR(1 g) = 0.270 mW/g; SAR(10 g) = 0.077 mW/g
Maximum value of SAR (measured) = 0.547 mW/g

0 dB = 0.550mW/g

#10 802.11a_Primary Landscape_0cm_Ch157_Earphone

DUT: 170201

Communication System: 802.11a; Frequency: 5785 MHz;Duty Cycle: 1:1
Medium: MSL_5G_110805 Medium parameters used : f = 5785 MHz; σ = 6.215 mho/m; $ε_r$ = 46.482;

ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.78, 3.78, 3.78); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch157/Area Scan (61x301x1): Measurement grid: dx=10mm, dy=10mm
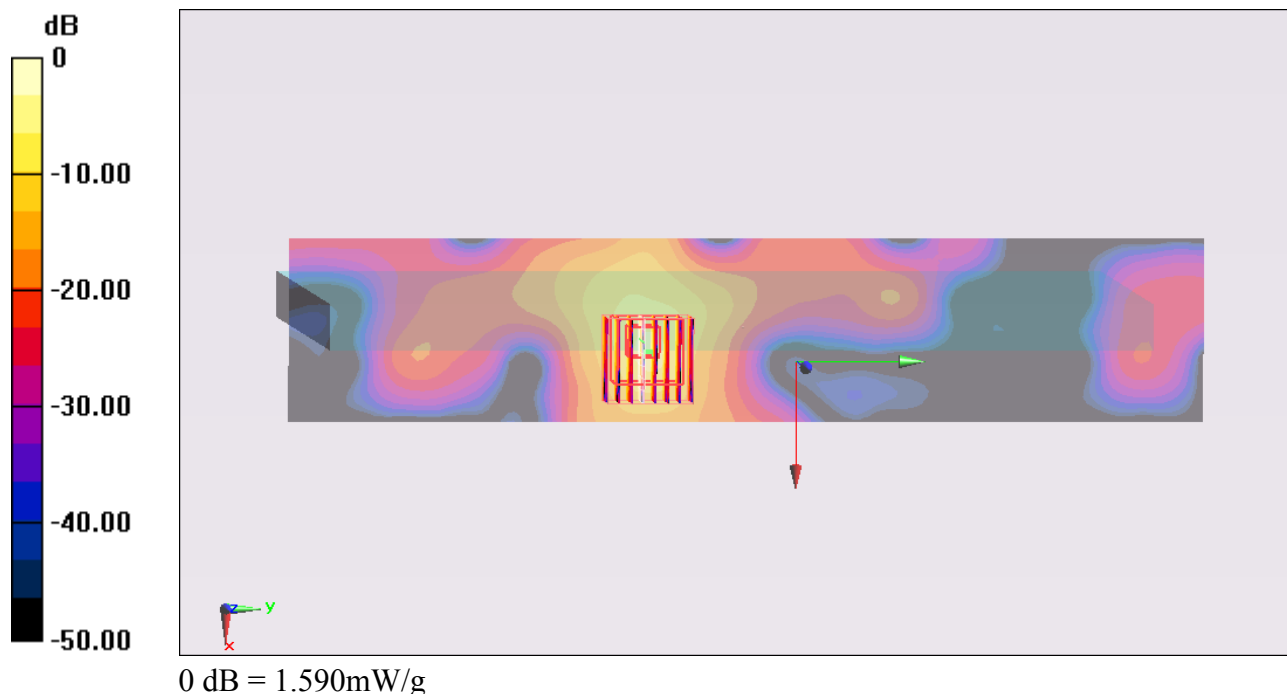Maximum value of SAR (interpolated) = 0.434 mW/g

Ch157/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.692 V/m; Power Drift = 0.124 dB
Peak SAR (extrapolated) = 2.964 W/kg
SAR(1 g) = 0.727 mW/g; SAR(10 g) = 0.213 mW/g
Maximum value of SAR (measured) = 1.587 mW/g

0 dB = 1.590mW/g

#10 802.11a_Primary Landscape_0cm_Ch157_Earphone_2D

DUT: 170201

Communication System: 802.11a; Frequency: 5785 MHz;Duty Cycle: 1:1
Medium: MSL_5G_110805 Medium parameters used : f = 5785 MHz; σ = 6.215 mho/m; ε_r = 46.482; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.78, 3.78, 3.78); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch157/Area Scan (61x301x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.434 mW/g

Ch157/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm,dy=4mm, dz=2.5mm
Reference Value = 2.692 V/m; Power Drift = 0.124 dB
Peak SAR (extrapolated) = 2.964 W/kg
SAR(1 g) = 0.727 mW/g; SAR(10 g) = 0.213 mW/g
Maximum value of SAR (measured) = 1.587 mW/g